RE-ENGI NEER YOUR TEAM

CODE CHRYSALIS コード クリサリス

ABOUT CODE CHRYSALIS

Code Chrysalis is a coding school based in Tokyo with the only advanced full-stack software engineering bootcamp in Asia. In addition to our full-time bootcamp, we have two part-time programs---an introductory coding course and an English communication intensive.

We are creating and leading the third wave of coding bootcamps by preparing our students for engineering leadership. Our courses are unique in that they are dsigned to nurture not only strong technical skills, but also open communication skills, empathy, and versatile autonomy.

OUR
MISSION

We are pushing Japan's tech industry forward by creating and nurturing a community of product-focused, autonomous software engineers who can communicate in English.

We also want to empower and support women to pursue engineering roles in tech.

ADVISOR COMMENT

I think we need to re-educate engineers...
Code Chrysalis offers what is lacking in Japan. I see a huge opportunity in what they are doing. If you can do it in America, why not in Japan?

Nobuyuki Idei
Founder & CEO, Quantam Leaps

OUR TEAM LEADERS

Kani Munidasa
Co-Founder & CEO

As an executive at EMC (now Dell EMC), Greenplum, and Pivotal Labs, Kani helped industry leaders transform the way they build software, drive customer success, innovate, and disrupt businesses across industries in multiple geographies.

Born in Japan and raised in Sri Lanka, Kani graduated from Tokyo University of Agriculture and Technology with a degree in mechanical engineering, specializing in robotics. He worked in Japan and then the US for 18 years, before deciding to leave Pivotal to explore his passion for education by graduating from and working at Hack Reactor. He relocated to Tokyo from San Francisco in 2017 to co-found Code Chrysalis.

Yan Fan
Co-Founder & CTO

Born in China and raised in Seattle, Yan graduated from Dartmouth College with degrees in Economics and Arabic. After graduation, Yan worked in Singapore building bio-ethanol markets in Asia for Bunge, one of the largest commodity trading companies in the world. After a career change into tech, Yan worked as a software engineer at Ayasdi, a leading Silicon Valley machine learning startup, and as an instructor for Hack Reactor's prep course.

Code Chrysalis is Yan's second coding bootcamp--with Hack Reactor, she co-founded and served as CTO of a coding school in Jordan helping refugees in 2016.

OUR PARTNERS

We are proud to partner with companies and organizations that share our same values and visions for Japan.

COMPUTERFUTURES

R/GA

paiza™

zehitomo

Justa

WAHL +CASE

disrupting JAPAN

BLINK SMART WORKSPACE

omisego

POLYGLOTS

forkwell

ENTERPRISE SUPPORT

What We Can Do for Enterprise Customers

We are disrupting the consumer technical education space by combining an outcomes-based approach, passionate instructors, Silicon Valley mindset, and essential soft skills. Now, we are extending our services to offer tailored corporate training that applies that same winning formula to get results.

ASSESSMENT

We will work with you to benchmark your team's strengths, identify opportunities for growth, and measure training outcomes.

IDEAL FOR : SOFTWARE DEVELOPMENT TEAM

ONBOARDING

Let us do on-boarding so that you can go on with business. We can quickly increase the productivity of new hires and reduce drag on senior engineers through structured onboarding.

IDEAL FOR : COMPUTER SCIENCE GRADUATES AND OTHER BOOTCAMP GRADS

RESKILLING

Harness the potential of your non-technical employees by turning them into productive members of software engineering and development teams.

IDEAL FOR : NON-TECHNICAL PROFESSIONALS

UPSKILLING

Transform technical employees with outdated knowledge into impactful engineers with current, relevant engineering skill sets customized to team and company goals.

IDEAL FOR : EXPERIENCED SOFTWARE ENGINEERS

TEAM COMMUNICATION

Our English communication courses are unlike anything offered---we focus on building quality communication, social skills, and confidence.

IDEAL FOR : NATIVE JAPANESE PROFESSIONALS

COMMUNITY BUILDING AND ENGINEER OUTREACH

We have a thriving community of tech enthusiasts and entrepreneurs. We hold free or low-cost educational events every week and collaborate with other like-minded organizers to create a supportive and welcoming environment in Japan.
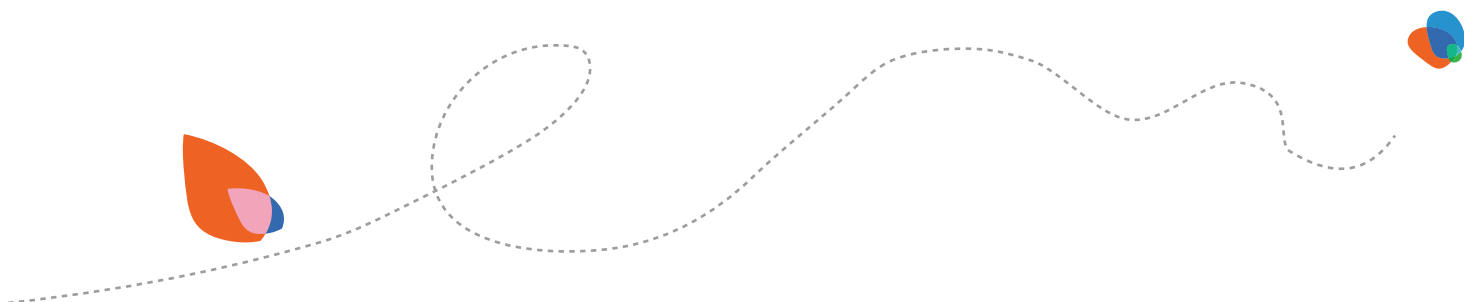
1900 + Followers   1500 + Followers

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PROGRAMS

THE IMMERSIVE

Full-Stack Software Engineering Bootcamp

The Immersive is our full-time, advanced program focused on building autonomous and versatile software engineers. Our rigorous curriculum is industry-aligned and optimized forefficiency and impact.

CURRICULUM DETAILS

PRECOURSE (remote)   4-8 weeks

All admitted students are given two months to complete precourse, a series of projects and assignments to ensure that all students come with the baseline knowledge to be successful.

Topics include: advanced JavaScript, recursion, object oriented programming, git,basic data structures, unit testing, HTML, CSS, basic command line and more.

PART I / FULL-STACK (on-site)   6 weeks

The first half of the course is separated into five core components: computer scienceand advanced JavaScript, server-side, client-side, continuous delivery, and product management. Students pair program on projects to learn new technologies and finish a series of solo projects.

PART I / FULL-STACK (on-site)

By the end of Part I, students will have already built

- a couple Instagram clones
- a note-taking app
- a slack clone
- an app that tracks truck movements
- a search and filter app for restaurants and truck stops
- three solo apps of their choosing
  and much more

Computer Science and Advanced JavaScript

Advanced data structures, functional & object-oriented programming, data modeling,algorithm design, complexity analysis, inheritance patterns, event loop & the asychronous nature of JavaScript

Server-side

Node, Express, API design, schema design,
databases (Postgres, Redis), Kafka,GraphQL
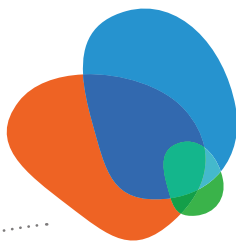
Client-side

Modern framework architecture, React, Redux, VueJS, virtual DOM, HTML, CSS

Continuous Delivery

Deployment, build tools, Heroku, Docker

Product Management

Prototyping, team communication, lean startup,
agile, extreme programming

PART II / PROJECTS & OUTCOMES (on-site)   📅 6 weeks

The second half of our course is focused on projects that reinforce concepts and build confidence and autonomy. The class is run more like a software engineering team, practicing agile. We also prepare our students for post-graduation plans, whether it be looking for a job, returning to a company, or starting a company.

Tech Talks

Students are required to deliver a one-hour long public tech talk on a topic of their choice.

Polyglottal Project

Students have one week to learn a new language and build an app with it.

Capstone Project

Students have 3 weeks to create a final project.

Students have come from companies including

NTT DaTa
Global IT Innovator   **◯ trivago**

FOUNDATIONS

Build a Solid Foundation for Coding in JavaScript

Foundations is our part-time, 4-week prep course for beginners who want to get started learning how to code.

We do not believe that you can create a sustainable software engineering career by going to a coding program for beginners promising full-stack web applications in one month. Our course is designed for beginners who want to pursue a new fulfilling career path.

WHAT YOU WILL LEARN

Our course focuses on building a clear understanding of fundamental concepts used in programming so that you can learn to think and grow like an engineer. Through our Foundations course, you will be able to create logic using code, develop engineering autonomy, and practice having a growth mindset.

Week 1	Week 2	Week 3	Week 4
development environments	variables	data modeling	currying
primitive data types	basic test driven development	higher order functions	functional programming
conditionals & comparisons	while loops & for loops	more objects & arrays	scope & closures
functions	objects and arrays	Algorithms	Instantiation
recursion	pseudocodin		

PROGRAM DETAILS

For details including a current list of schedules, please see our website:
https://www.codechrysalis.io/foundations

This course is delivered on-site at our school in Moto-Azabu. We can also customize the course for on-site enterprise delivery.

Students have come from companies including

Google   DENSO   NISSAN

ENGLISH COMMUNICATION INTENSIVE (ECI)

This part-time course is for people who want to make a real change in their English ability, communication skills, and confidence. We use teaching methods that foster a growth mindset and focus on effort and progress. ECI can be used as a step towards our coding courses, or towards any personal or professional goal involving English and communication. We emphasize self expression, output, and balanced natural English conversation.

We don't care about numbers like TOEIC scores or age. We think test scores don't reflect communication ability and we believe it's never too late to improve your English skills. The only entry requirements are a commitment to the entire four-week program, strong motivation, and a desire to improve!

Developed especially with our teaching philosophies in mind, this course focuses on empowering students to thrive in diverse, all-English, or multilingual environments.

Through activities based on a variety of topics, students learn to thrive communicating in English in realistic scenarios such as:

- Discussions (pair, group)
- One-on-one video conference meetings
- Presenting in front of people (improvised talks, prepared presentations)
- Interacting with authentic English-language materials (TED talks, music, and current news articles)
- Team debates
- Exchanging feedback and advice, self evaluation

LOCATION / Minami Azabu (near Roppongi Hills), Minato Ward, Tokyo

DURATION / Four weeks; over 50 hours of class time

FORMAT / Combination of group lessons and one-on-one Skype lessons

PROGRAM DETAILS

For details including a current list of schedules, please see our website:
https://www.codechrysalis.io/english

This course is delivered on-site at our school in Moto-Azabu. We can also customize the course for on-site enterprise delivery.

Students have come from companies including

NTT docomo   hitomedia   SHIFTBRAIN.

HOW TO GET STARTED

Please contact us to further discuss how Code Chrysalis can help your company to evolve: partners@codechrysalis.io

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www.codechrysalis.io