David Ruvinskiy

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Education

University of Illinois Urbana-Champaign (UIUC)   **May 2022**
Bachelor of Science in Information Sciences (BS/IS)   GPA: 3.99/4.00
Minor in Communication

Bronze Tablet Honoree
- Graduated with GPA in the top 3 percent of BS/IS class

Relevant Coursework
- Human-Computer Interaction (HCI), Usable Privacy and Security, Database Concepts & Applications, Programming for Information Problems

iOS Projects — davidruvinskiy.com/#Portfolio

ProQuotes (Swift & Python)
Programming quote browser; favorite specific quotes

- Implemented a MySQL database to store information about 500 programming quotes
- Exposed a RESTful API with Flask and SQLAlchemy and tested the API using Insomnia
- Developed an iOS app that accesses and updates quote information using the API

YearRace (Swift)
Calendar puzzle game; single player; based on logic

- Revamped console-based version of the game into an iOS app, first using UIKit and later SwiftUI
- Integrated key iOS technologies, including CocoaPods and In-App Purchases
- Architected SwiftUI version using MVVM

CodeWithChris Hub (Swift)
Mobile app version of introductory iOS and Swift course

- Led 3 team members; sought and incorporated feedback from them concerning UI and functionality
- Focused on HCI through inclusion of usability principles, such as aesthetic and minimalist design
- Incorporated final versions of demo apps into a single app to demonstrate functionality to students

Computer Science Teaching Experience

The Grainger College of Engineering (UIUC, remote & in-person)   **August 2019 - December 2021**
Course Assistant/Associate: CS 124

- Promoted within 1 semester; consistently completed responsibilities and communicated with senior staff
- Instructed ~1000 students learning Kotlin and Java
- Analyzed test cases and student code to quickly identify bugs; guided students toward solving them
- Leveraged first-hand knowledge of student needs to review assignments and exams for clarity and accuracy

CodeWithChris (CWC, remote)   **January 2019 - January 2021**
Community Manager

- Responded to community questions on forums regarding Swift and iOS app development courses
- Co-authored Swift fundamentals article based on YouTube videos; reached an audience of ~150,000 people
- Recorded short videos highlighting tips and tricks for using Xcode

Skills

- UIKit, SwiftUI, Storyboards, programmatic UI
- Swift, Python, Java, Kotlin, SQL
- Git/GitHub, Firebase
- Fluent in conversational Russian