Kevin Greer

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Education

Cornell University, College of Engineering, Ithaca, NY

B.S. in Computer Science, Expected Graduation May 2018 — Current GPA: **4.11**
Courses Taken: Object-Oriented Programming and Data Structures, Computer System Organization and Programming, Discrete Structures, UNIX Tools and Scripting, Linear Algebra, Multivariable Calculus
Currently Taking: Functional Programming and Data Structures, Differential Equations, Basic Engineering Probability and Statistics, Networks

Work Experience

iOS Developer   March 2015 – Present
Belle Applications – Ithaca, NY

Worked on a two-person team to build the startup's iOS platform. Converted mockups into full working app. Managed and organized multiple API and framework dependencies such as Google Maps and other messaging, payment, and networking frameworks and APIs using CocoaPods. Sent requests to and received data from a RESTful server in-app to fetch content. Features include selecting shopping list from the menus of multiple stores, chat and messaging, matching clients to nearby deliverers, in-app payment, pickup location input, push notifications and more. Involved in subcontracting negotiation to build the iOS app of another entrepreneur (PeerPlus).

PeerPlus – Ithaca, NY   July 2015 – Present

Sole developer for the iOS platform of this social networking app. Collaborated with designer to draft mockups. Managed and organized multiple API and framework dependencies such as Parse for backend functionality, Alamofire for networking, Nexmo for text messaging, and others. Used Parse Core for backend and Parse Push for push notifications. Features include sending sign-up validation texts to users' phones, a main feed of statuses, up/down voting, status input, joining events, chats and messaging, inviting contacts to join app, and push notifications.

Jamberry Nails: Jammin' With Jen – Sloatsburg, PA   April 2015

Created iOS platform for Jamberry Nails Independent Consultant. Allows users to easily shop, host, or join Jamberry; request a free sample; view a tutorial; or view frequently asked questions and about pages. Able to add consultant to contacts in-app and send messages.

Projects

Jumpy Man   June 2015

Designed and programmed an endless arcade application for iOS. The game involves an animated character jumping over obstacles to survive as long as possible. It includes power-ups, a menu, settings page, background art and music, sound effects, and more. Written in Swift.

Multi-core Network Honeypot   May 2015

Worked on a two-person team to construct a system that receives packets from a network device, analyzes and classifies them, and tracks various statistics. Employs concurrency-safe data structures and includes a simple UI to allow the user to control the system and see current statistics. Written in C.

MIPS 32-bit Processor   March 2015

Collaborated with a peer to design and implement a 32-bit, five-stage pipelined version of the MIPS architecture using the software Logisim. Processor executes a large set of machine language instructions (arithmetic, logical, branches, jumps, memory). Includes data and control hazard handling.

Technical Skills

Proficient: Java, Swift

Familiar: C++, C, Python, HTML, CSS, JavaScript, JQuery, Bootstrap, OCaml, bash, sed, awk, MIPS

Other Experience

Sales Associate   July 2013 – August 2013

Staples Inc. – Riverdale, NJ

Gained retail experience working with consumers while providing friendly customer service. Assisted customers with purchases and locating items. Received, handled, and processed inventory shipments. Efficiently restocked inventory.

Activities

Cornell Rock Climbing Club: Trains biweekly for rock climbing competitions, travels to outdoor climbing locations for weekend trips.
Community Service: Tutors high school and college students. Helps at soup kitchen and assisted living home. Ushered school graduation ceremony and manned concession stands and school functions.