

# 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

**Currently Taking:** Functional Programming and Data Structures, Basic Engineering Probability and Statistics, Networks

## Work **Software Engineer**

### Experience **PeerPlus – Cornell University** July 2015 – Present

- Solely developed the mobile platform of social networking app using Swift
- Collaborated with designer to draft mockups
- Integrated Parse Core for backend functionality and Parse Push for push notifications
- Maintains product through bug fixes and feature additions
- Established rich feature set including sending sign-up validation texts to users' phones, a main feed of statuses, event joining, chats and messaging, inviting contacts to join app, push notifications, and others

### **Belle Applications – Cornell University** March – October 2015

- Worked on a two-person team to build food delivery startup's iOS platform
- Translated mockups into fully functioning app
- Managed and organized multiple API and framework dependencies APIs using CocoaPods
- Sent requests to and received data from a RESTful server in-app to fetch content
- Involved in subcontracting negotiation to build the iOS app of another entrepreneur (PeerPlus)

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

- Created iOS platform for Jamberry Nails Independent Consultant
- Implemented features such as shopping, hosting, or joining Jamberry; requesting a sample; adding consultant to contacts; or viewing frequently asked questions, tutorials, and about pages

### Projects **Jumpy Man** June 2015

- Designed and programmed an endless arcade application for iOS in Swift
- The game involves an animated character jumping over obstacles to survive as long as possible

### **Multi-core Network HoneyPot** May 2015

- Constructed a system in C that receives packets from a network device, analyzes and classifies them, and tracks various statistics
- Worked with existing codebase to implement efficient solution
- Employs concurrency-safe data structures and includes a simple UI to allow the user to control the system and see current statistics

### **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)

## Technical **Proficient:** Java, Swift, C, UNIX, OCaml

**Skills** **Familiar:** C++, Python, HTML, CSS, JavaScript, bash, sed, awk, MIPS

## Other **Sales Associate** July 2013 – August 2013

**Experience** Staples Inc. – Riverdale, NJ

- Gained retail experience working with consumers while providing friendly customer service
- Received, handled, and processed inventory shipments while efficiently restocking inventory

**Activities** **Cornell Rock Climbing Club:** Competes in climbing contests around the northeast region through USA Climbing's Collegiate Climbing Series and the American Bouldering Series