

Alexander L. Rivera

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WORK EXPERIENCE

- Nasdaq** | Software Engineer Intern | Philadelphia, PA Sept 2015 - Dec 2015
Built a FIX-compliant messaging gateway to route option messages to stock exchanges through Bank of America Merrill Lynch using Java. Implemented stock option trade verification and error logging.
- Enertia EGM Inc.** | Software Engineer | Pennsauken, NJ Aug 2015 - Oct 2015
Implemented customer relationship and warehouse management systems in Python using the Django framework.
- Comcast** | Android Software Engineer Intern | Philadelphia, PA May 2015 - Aug 2015
Implemented the Facebook Share Dialog for Xfinity Share enabling users to post pictures and videos to Facebook through their set top box and mobile phone. Won first place in company-wide intern challenge for implementing a service outage notification system.
- Let's Get Ready!** | Math Coach and Site Director | Philadelphia, PA Sept 2014 - May 2015
Created lesson plans to teach math concepts and SAT test-taking skills to a small class of high school students. Promoted to Site Director. Developed strategies to recruit more coaches and students for participation in the program.
- Philadelphia Game Lab** | Software Engineer Intern | Philadelphia, PA Oct 2014 - Feb 2015
Developed Lux, an open-source framework for updating player game states across multiple clients.

PROJECTS

- ParKey** | iOS and Arduino Application Jan 2016
Developed a Bluetooth low energy application that allowed users to instantaneously pay for parking once they have parked their car.
- Outage Outreach** | Java Application Aug 2015
Built an outage notification system integrating existing platform services in Java to dispatch SMS notifications in the event of a service outage to Xfinity customers.
- SecureMi** | Android Application Dec 2014
Implemented a custom Android lock screen that hides a user's media files upon entering a secondary pin. Built in 48 hours as part of Google's Hack 4 Humanity Hackathon.

EDUCATION

- Temple University** Philadelphia, PA Aug 2014 - Dec 2016
College of Science and Technology
B.S. in Computer Science | GPA: 3.38

TECHNICAL SKILLS

- Programming Languages**
Proficient in: Java, C, MySQL | *Familiar with:* JavaScript, HTML, CSS, Python, Objective-C
- Development Frameworks**
Android, iOS, Django, jMonkeyEngine, Arduino