

SOFTWARE DEVELOPMENT INTERNSHIP QUALIFICATIONS

- Proven abilities to transform vision and instructions of supervisors and clients into software programs, web driven applications, smartphone applications, data analytics programs, and other form of software solutions.
- Core Skills: Java (Including Spring-MVC Web Application Development), iOS Development (Objective-C, Swift), Python.
- Additional Skills: Javascript, PostgreSQL, T-SQL, HTML, LaTeX, PHP, CSS, AppleScript, Bash.
- Experience with Xcode/iOS, Spring Tools Suite, Cocoapods, Roo, Maven, jQuery, Bootstrap, JavaServer Pages (JSP), OpenStack, OpenStack4j API, Parse API, Google API, Facebook API, Twilio API, and Spotify API.
- Knowledge of Data Structures, Complexity Analysis, Machine Learning, Data Clustering, Data Analytics, Web Design, Unit Testing, Continuous Integration, Scrum Methodology and Agile Development.

SOFTWARE DEVELOPMENT AND TECHNICAL EXPERIENCE

PARC, a Xerox company

May 2015- Present

Summer Researcher (May-August) and Researcher on Work Study (September-Present)

- Work includes developing web applications as part of PARC research such as the Big Data Foundry.
- This web application, built using Java, Spring, Roo, and OpenStack, is a simple to use interface for managing instances and clusters for data scientists to receive analytics on 'Big Data' sets.

URDining, LLC

March 2015- Present

Co-Founder and CTO

- Developed the University of Rochester's Official Campus Dining Mobile Application
- Project has received backing from Facebook as part of the FbStart Bootstrap program.
- Displays the menu and nutritional data for all on campus dining establishments, collects student feedback, and creates analytic reports.

Uringq

May 2015- Present

iOS Project Lead and Full-Stack Developer

- Developed Edu Chat for iOS. A new way for students across any campus to connect.
- Product launches at NYU in September 2015.

Phatapps Development, LLC

February 2011- Present

Founder and CEO

- Found and run a Software Development Company designing elegant and intuitive software.
- Conducts outreach to clients, liaise to determine client needs, and then transform those needs into software and applications based solutions.

The University of Rochester

Rochester, NY

- Research Assistant for Jiebo Luo; Developing Software and Mobile Applications for Health Analytics.

March 2015 - Present

- Research Assistant for Jaewoo Kim, Simon Business School, Computer Science Department; Designing software for Data Mining and Analytics.

March 2015 - Present

- Workshop Leader for Science of Programming (Java Course) and Science of Data Structures (Java Course). Weekly sessions with ~10 Students to facilitate learning.

January 2015 - Present

- Tutor in Computer Science and Mathematics

January 2015 - Present

Saint Barnabas Medical Center

Livingston, NJ

Software Developer

June 2014 - August 2014

Full Time Internship

315 Hours February 2014 - May 2014

- As lead programmer, Developed Compliance Manager Mobile, an iPhone application, "Work Order Management System", that would allow maintenance and facilities employees across New Jersey's largest hospital system to view their current work orders and log their hours from their iPhones.
- Gained experience with Objective-C, Python, T-SQL, Security, Encryption, and working with a large corporate database over an ODBC connection.

PROJECTS AND APPS

URDining - iPhone Application itunes.apple.com/cal/app/urdining/id946206056

Public Beta Released

Lead Backend Developer and Co-Founder

Edu Chat - iPhone Application

Private Beta Testing

iOS Project Lead and Lead Programmer

Compliance Manager Mobile - iPhone Application

Product Launched

Lead Programmer/Designer

HireRoc - iPhone Application

Development and Planning Stage

Lead Programmer and Co-Owner

University of Rochester Playing Game uofrpg.com

Science of Data Structures Honors Project

Project Lead and Backend Developer. Developed using JavaScript and Parse API

Twilify twilify.co
Backend and Twilio Developer. Experience with PHP, Spotify API, and Twilio API.

Alpha Version Released
Hackathon Project at BrichHack 2015

FTC Robotics Team at Golda Och Academy
Founder and President. Gained experience with Robot C and CAD software.

West Orange, NJ
September 2013 - May 2014

EDUCATION

University of Rochester

Rochester, NY

Honors B.S. Degree Computer Science with Minor in Business

Anticipated May 2018

- GPA: 3.72, Dean's List and Dean's Scholarship All Semesters
- Selected Courses: Artificial Intelligence, Honors Data Structures, Discrete Mathematics, Differential Equations, Linear Algebra
- Member of The Computer Science Undergraduate Council at The University of Rochester
- Serve as Program Director of Computer Science at YEN tutoring, a Rochester area private tutoring firm.

Johns Hopkins University

Baltimore MD

- Completed Online Linear Algebra Course with a 3.7

September 2013 - July 2014

Carnegie Mellon University

Pittsburg, PA

- Completed Integration, Differential Equations, and Approximation, and Fundamentals of Programming with a 4.0 GPA

Summer 2013