

David Karivalis

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SUMMARY

Recent college grad with interests in full stack engineering. Concentrations in distributed systems, security engineering, and mobile applications.

EDUCATION

Rutgers University, New Brunswick, NJ — B.S. Computer Science, B.S. Electrical & Computer Engineering

JANUARY 2016

Relevant Undergraduate Coursework: Distributed Systems, Security Engineering, Algorithms, Data Structures, Mobile User Experience Engineering, Operating Systems, Systems Programming, Software Engineering, Principles of Programming Languages, Network Security, Database Systems Implementation, Probability & Random Processes

WORK EXPERIENCE

Priceline Group Inc, New York, NY — Android Developer Intern

JUNE 2015 - AUGUST 2015

Designed, developed, and tested a local caching service that reduced load on the application and database servers. Analyzed and optimized layout files while implementing a new design for flights that provides quicker drawing times and a better UX for over 5 million users. Created a new app idea for the Priceline ecosystem and demoed to senior executives.

Verizon Communications Inc, Orangeburg, NY — Software Developer Intern

JUNE 2014 - AUGUST 2014

Designed and developed an autonomous Java batch application to grow an Oracle database with statistics from all wireless subscribers. Refactored views and controllers to display aforementioned data on a Spring Framework web app accessed by managers in all Verizon retail locations.

HACKATHONS & ADDITIONAL EXPERIENCE

netflix & chill, [HackHERS](#) hackathon — Programmer

FEBRUARY 27 & 28, 2016 [Devpost](#)

Designed & built a web app in a 21 hour hackathon on a team of 5 strangers. Using Project Oxford Emotion API, we were able to connect people based on emotional responses to videos. We were awarded three different first place prizes for the Amazon Web Services, Microsoft, and Verizon competitions for best use of their respective available API's.

Change Booths, San Francisco, CA — Programmer

MARCH 11 & 12, 2016 [GitHub Repo](#)

Demoed Android application for ATM-like kiosks that provide a job portal for the underprivileged local community. Our team was selected to be a regional finalist in the 7th Annual Hult Prize Competition (top 300 out of 25,000 applicants) in San Francisco. Change Booths also won the 2015 Google CLP Case Competition.

AWARDS

qAuth: Mutual 2 Factor Authentication Using Trusted Services First place senior design project
(www.ece.rutgers.edu/Capstone_2015_Awards)

LANGUAGES & SKILLS

Android, iOS, Web Application Server development, Java, C, Objective-C, Swift, Go, SQL, PHP, JavaScript, CSS, HTML, Matlab, Assembly, Verilog

TOOLS

vim, git, Android Studio, Xcode, Linux/OS X CLI, GNU make, MySQL, MVC Frameworks, REST, GCM, APNS, Photoshop, AutoCAD

HOBBIES

Chess, Tennis, Home Improvement, Theta Chi Fraternity