Tejas Deshpande

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Education

B.S. Computer Science, minor in Mathematics, University of Cincinnati, **Graduating in May 2017**
Dean's list, Global scholarship, Honors program, GPA – 3.76/4.00

Work Experience

Software Engineer Co-op, QuickBooks iOS, Intuit Inc., Mountain View, CA   Jan '16 – Aug '16
• Served as the iOS tech lead (under mentorship of a software architect) on a team of 3 engineers for an effort to set up and stress test React Native as a viable option for the QuickBooks mobile apps
• Built a cross platform feature for the QuickBooks mobile apps using React Native targeted at an audience of 100,000+ users
• After completing the project, helped the GoPayment iOS team ship a release of the app written in Objective-C and Swift to several thousand small business customers

Software Engineer Co-op, Payroll iOS, Intuit Inc., Mountain View, CA   Aug '14 – Dec '14
• Helped ship two releases of the iOS app written in Objective-C and Swift to 30,000+   May '15 – Aug '15
small business customers on tight deadlines
• Developed complex new features and fixed involved bugs as an engineer on the 5-person team
• Enhanced build systems and improved code coverage by 20%

Software Engineer Co-op, Payroll API, Intuit Inc., Mountain View, CA   Jan '14 – May '14
• Improved the team's development velocity by writing unit and integration tests using TestNG and JMockit for the Intuit Online Payroll API for small businesses
• Built and launched Intuit's equivalent of Google Moderator with a team of other co-ops using Node.js and Backbone.js

Teaching Assistant, University of Cincinnati, Cincinnati, OH   Aug '13 – Dec '13
• Assisted in instructing first year engineering students in the basic concepts of   Jan '15 – Apr '15
computer programming and computational modeling using MATLAB

Student Researcher, University of Cincinnati, Cincinnati, OH   Aug '13 – Dec '13
• Explored the use of genetic algorithms for area search problems and co-authored a conference publication about it

Languages, Technologies and Frameworks

Advanced: iOS, Objective-C, React Native, JavaScript
Familiar: Python, Java, React.js, Node.js, Swift, MATLAB

Projects

• Built a cost effective SMS polling system that could provably handle 3000 messages/sec. Successfully used it on live audiences of 1500 and 3000 people for voting at 2 separate dance competitions
• Built a 'super tic-tac-toe' (9x9) AI opponent as a class project that was not easy to beat

Trivia

I was amongst the top 23 high school students – of 8000 who applied – who were invited to attend the 2012 Indian training camp for the International Olympiad in Informatics