Justin Bass

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EDUCATION

University of California, Los Angeles *Sep '13-Mar '15 (1.5 yrs)*

Master of Science in Computer Science (GPA: 3.3)

Relevant Coursework: Computer vision and graphics, bioinformatics, algorithms and theory, operating system design, programming languages and theory, database systems

University of California, Irvine *Sep '09-Mar '13 (3.5 yrs)*

Bachelor of Science in Electrical Engineering (Engr. GPA: 3.6)

Relevant Coursework: C programming, Android game programming (Java), team based software engineering, circuit design and analysis (with Mathematica)

EXPERIENCE

ViaSat Inc., Carlsbad *Apr '13-Sep '13, Jun '14-Sep '14 (9 mo)*

Software Engineering Intern

- 2014: Team-based open source project using Amazon Web Services EC2 clouds and Git.
- 2013: Designed tools to monitor customer's internet performance and to determine efficacy of service calls. Prevents thousands of ineffective service calls from being made monthly.

Conexant Systems, Inc., Newport Beach *Aug '11-Feb '13 (1.5 yrs)*

Test Engineering Intern

- Designed and created an engineering productivity tool with a GUI (C++ in Linux, 3500+ lines)
- Performed critical tests and learned testing software without training when a lead engineer left the company. I solely inherited this project and finished a few weeks ahead of schedule.

Personal Programming Projects

- Various projects such as Android games, riddle solving scripts, and a personal web server (https://justinalanbass.com)

SKILLS

Avid learner: I eagerly pick up new tools or methodologies and actively learn from my peers

Proficient with C/C++, Java (Android), Python, Linux shell

Fluent in PHP, OCaml, Prolog, MySQL, Mathematica, WinAPI, TeX

Knowledgeable with network engineering, web server setup and management, OO design, Git