Harrison Donald Engel
Resume

Professional Experience

Google
May - Present

Software Engineering Intern, Living Room Products

- Improved the Cast partner experience and made the partner device verification process scalable by designing and implementing a plugin which allows Cast business partners to verify their devices through a web portal.

- Increased Google assistant reliability by developing a test framework for Google Home and other assistant devices that simplifies the creation of multi-query tests.

Fidelity Investments
June - December 2015

Software Engineering Intern

- Reduced the risk of customers encountering bugs after installs by developing functionality which allows production installs to be validated outside the defined hours of operation.

- Refactored a major customer-facing chat application, increasing the application's internal compliance rating from 71% to 91%.

- Won the Fidelity Intern Summit competition for research on a Blockchain based stock exchange, which was then presented to the CTO.

Thumbtechs
Aug 2014 – June 2015

Intern, Website and Salesforce Development

- Enabled the company to switch to a new billing plan by developing an app that accurately tracked client onsite service hours.

- Elminated the manual product re-order process by creating an automatic re-order system in Salesforce APEX.

The Web Showroom
Summer 2014

Intern, Sydney Australia

- Created web presence reports used in sales pitches, which resulted in acquiring dozens of new clients.

- Was selected from over 5000 IES Abroad students to speak at a study abroad conference in New Orleans about the benefits of interning abroad.

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Education

Texas Christian University 2012 – Present
Bachelor of Science

Computer Science Major

Business and Chemistry Minor

Overall GPA: 3.77   Major GPA: 3.97

Extracurricular Involvement

Vice President of TCU's Computer Science Society

Upsilon Pi Epsilon Honors Society Officer

Computer Science Tutor

TA and Grader for Computer Science Courses

Global Medical Training in the Dominican Republic

Medical and Orphanage work in Haiti

Rural Construction in Mexico

Programming Language Experience

Proficient	Java, Python
Experienced	C/C++, HTML, CSS,
	MySQL, SOQL , APEX
Hobby	Haskell

Technology Experience

OS:	Linux, OS X
Source Control:	Git
Testing:	Python Unittest, Java JUnit
MVC:	Python Django, Java Spring