

BRENDAN LONG

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EDUCATION

University of Texas, Austin

May 2012

M.S. in Software Engineering

Overall GPA: 3.95

University of Texas, Austin

May 2010

B.S. in Electrical and Computer Engineering

Member of Eta Kappa Nu

Overall GPA: 3.89

EXPERIENCE

Intel

June 2012 - Present

Software Developer

Austin, TX

- Designed and developed C/C++ software library bridging silicon debug software to pre-silicon emulation models. Used to verify new products in every market segment. Received 2 Division Recognition Awards and one Special Recognition Award.
- Developed several key features of the software connecting debug tools to Intel's Direct Connect Interface. Received a Q1'2016 DRA.
- Drove company-wide adoption of 3rd party debug tools by developing compatibility software for existing use cases. Developed and provided training for new tools. Received Q2'13 Transformation Award, Q3'13 DRA, Q4'14 DRA, and Q4'14 "Above and Beyond" SRA

Intel

January 2010 - June 2012

Validation Engineer Intern

Austin, TX

- Developed embedded HTTP server to provide remote debug access to silicon validation platforms. Received Q2/13 Excellence award for silicon power-on support.
- Developed Linux kernel module to provide PCI access to FPGA platform for hybrid simulation model.

Schlumberger

Summer 2009, Summer 2010

Software Engineering Intern

Houston, TX

- Enhanced cable tension monitoring/prediction system for oil well devices. Implemented features requested by oilfield engineers and reduced risk of equipment loss.
- Created prototype document classification and search system to enable efficient search of unstructured data.

TECHNICAL STRENGTHS

Computer Languages

C/C++, Python, Java, C#

Protocols, Libraries, & APIs

JTAG, XML, JSON, gmock, gtest

Tools

Git, Vim, TeamCity,