

# BRENDAN LONG

1525 Cat Mountain Trail ◇ Keller, Texas 76248  
(512) · 299 · 2285 ◇ bccbrendan@gmail.com

## EDUCATION

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### 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

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### Intel

May 2019 - present

*Senior Software Developer*

*Austin, TX*

- As product owner for pre-silicon debug tools, gathered requirements, planned features, and balanced work priorities in a group of 4 developers to deliver tools across the entire product roadmap.
- Mentored 3-4 engineers through weekly 1:1 tech talks, led several multi-team train sessions on git and intel debug technology. Received 2021 SRA for training new remote team members.
- Reduced debug tool costs by adapting tool suite software and hardware to run on Raspberry Pi - received 2020 Project Award.
- Developed and verified debug tools and supported record time successful poweron of discrete graphics product. Received 2020 DRA.
- Delivered debug tools for next-gen server cpu on-time and with exceptional stability for power-on. Received Q1'2019 DRA.

### Intel

June 2012 - April 2019

*Software Developer*

*Austin, TX*

- Designed and developed software libraries bridging silicon debug software to pre-silicon emulation models. Used to verify new products in every market segment. Received 3 Division Recognition Awards and one Special Recognition Award.
- Created in-house software replacement for 3rd party hardware tools in 2018, saving an estimated total \$5.75M; received one DRA and one SRA.
- 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

## TECHNICAL STRENGTHS

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**Computer Languages**  
**Protocols, Libraries, & APIs**  
**Tools**

C/C++, Python, C#, Rust, Java  
JTAG, XML, JSON, gmock, gtest  
git, conan, vim, CI/CD through TeamCity, GitHub, GitLab