Benjamin T. Lenington

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Education:

University of Wisconsin - Madison *Sept 2015 - May 2018*
- Major: Computer Science - Bachelor of Science

Purdue University *Sept 2014 - May 2015*
- Intended Major: Computer Science

Technical Skills:

- C#, C++, C, Java and Python
- Experienced with Android development, Hadoop, Hive, Apache Sqoop, Xamarin, HTML, CSS, Flask, Bootstrap, and Selenium

Experience:

Intuit - Software Engineering Intern (Mountain View, CA) *May 2017 - Aug*
- Our team utilized Hadoop, Hive and Apache Sqoop to extract, convert and securely transfer customer financial data from Mint, TurboTax, QuickBooks and other products into a centralized Hadoop database for analysis and long-term storage
- Developed an analytics tool and UI from the ground up to detect and quickly diagnose errors in the data ingestion process
- This tool also integrated a custom database to store statistics and analyze historical trends to predict future errors

UniCade Project (Independent Project) Jan *2010 - Mar 2017*
- UniCade seamlessly integrates game consoles from several generations into a unified interface designed from the ground up in C#, as well as a companion Android app integrated and synchronized through a custom Firebase database
- Designed, marketed and sold custom-built physical units to a fraternity at Purdue University and rented to a chain of local video game stores in Minnesota (See digital portfolio for documentation)

Maverick Software - Software Engineering Intern (Madison, WI) *Oct 2016 - Mar 2017*
- Collaborated with a team of local and off-site software developers, 20 hours a week during the semester, to develop an automated C# regression testing suite for cloud-based business management software

Thomson Reuters - Software Engineering Intern (Eagan, MN) *May 2016 - Aug*
- Worked with development and regression testing teams on Firm Central law firm management software
- Utilized Xpath, C#, Selenium, Microsoft Team Foundation Server, Fiddler web packet analyzer and a variety of other tools to implement a comprehensive automated regression test suite and implement new features

Wisconsin Institute for Discovery - CAVE Virtual Reality Lab **-** Undergrad Lab Assistant (Madison, WI) *Mar 2016 - May*
- Developed hardware and software prototypes for an agricultural training VR simulation commissioned by SC Johnson

Intel ISEF Project - Intel International Science and Engineering Fair (Extracircular Project) *June 2013 - June 2014*
- Collaborated with a partner to design and build an intelligent search & rescue robot for the Intel ISEF competition
- This project attracted the attention of a defense contractor ATK (Alliant Techsystems) who provided additional funding

The Bakken Museum - Summer Camp Counselor (Minneapolis, MN) *June 2012 - Sept 2015*
- Assisted with teaching science and engineering classes for 3rd - 9th grade students to design, build and program projects at several locations including the Bakken Museum, Medtronic and Boston Scientific

Additional Involvement:

- EMT (Emergency Medical Technician) in training. Volunteering in the field and shadowing paramedics with a provisional license. I am scheduled to receive the full EMT-B license by Fall 2018 through MATC *2017 - Present*
- Active member of the UW Student EMS organization (Emergency Medical Services), Badger Entrepreneurs and the UW Undergraduate Projects Lab (UPL) at the University of Wisconsin - Madison *2015 - Present*
- Member of the Purdue Entrepreneurship Club and Phi Sigma Kappa (Delta Triton) at Purdue University Sept *2014 - 2015*