

Benjamin T. Lenington

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BenLenington.com

Education:

University of Wisconsin - Madison

Sept 2015 – May 2018

- Major: Computer Science - Bachelor of Science

Purdue University

Sept 2014 – May 2015

- Major: Computer Science - Bachelor of Science

Technical Skills:

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

Relevant Experience:

Intuit - Software Engineering Intern (Mountain View, CA)

May 2017 – Aug 2017

- Developed an analytics tool, processing engine, and web UI from the ground up to detect and rapidly diagnose errors in the data ingestion process, as well as analyzing statistics to identify historical trends and optimize performance
- Worked with the Intuit data ingestion team to utilize Apache Sqoop and Hive to ingest, encrypt, and securely transfer financial data from Mint, TurboTax, QuickBooks, and other Intuit products into a centralized Hadoop database for analysis

UniCade Project (Independent Project)

Jan 2010 – Mar 2017

- UniCade seamlessly integrates game consoles across several generations into a unified interface developed from the ground up in C#, as well as a mobile companion Android app integrated through a custom Firebase database
- Designed, marketed, and sold custom-built physical UniCade units to a fraternity at Purdue University and rented to a chain of local video game stores in Minnesota (See BenLenington.com for project documentation, source code, and photos)

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 academic semester, to implement an automated C# test suite for a cloud-based client management software prototype

Thomson Reuters - Software Engineering Intern (Eagan, MN)

May 2016 – Aug 2016

- Utilized Selenium WebDriver, Xpath, C# and Fiddler web packet analyzer to deploy a comprehensive automated test suite and implement new features for Thomson Reuters' Firm Central legal practice management software

Wisconsin Institute for Discovery - CAVE VR Lab - Undergrad Lab Assistant (Madison, WI)

Mar 2016 – May 2016

- Developed hardware and software prototypes for an agricultural VR training 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 a versatile search and 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

Community Involvement:

- EMT (Emergency Medical Technician) in training. Volunteering in the field and shadowing paramedics with a provisional license. 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 at Purdue University *Sept 2014 – May 2015*

Digital Portfolio:

BenLenington.com - Highlights: Fully custom website, project documentation, photos, and GitHub source code