

Benjamin T. Lenington

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Objective:

To obtain a full-time position in software development or a related area

Education:

- **University of Wisconsin – Madison** *September 2015 - May 2018*
 - Bachelor of Science in Computer Science (GPA: 3.2)
- **Purdue University** *September 2014 - May 2015*
 - Intended Degree: Computer Science (GPA 3.2)

Technical Skills:

- C#, C++, C, Java and Python
- Experienced in Android development, Hadoop, Apache Hive, Xamarin, MySQL, SQLAlchemy, HTML5, CSS, Flask, Bootstrap, Solidworks CAD, Selenium WebDriver, VMware, Arduino development and Microsoft Team Foundation Server

Work Experience:

- Intuit** – Software Engineering Intern (Mountain View, CA) *May 2017 - August 2017*
 - Our team worked with Hadoop, Apache Hive, and Vertica 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
- Thomson Reuters** – Software Engineering Intern (Eagan, MN) *May 2016 - August 2016*
 - Worked with development and regression testing teams on Firm Central law firm management software
 - Worked extensively with C#, Xpath, Selenium WebDriver, Microsoft Team Foundation Server, Fiddler and a variety of other tools to develop a comprehensive, automated regression test suite and implement new features
- Maverick Software Consulting** – Software Engineering Intern (Madison, WI) *October 2016 – March 2017*
 - Responsibilities included working 20 hours a week and collaborating with a team of local and off-site software developers
 - My team focused on developing an automated C# regression test suite for a cloud-based legal case management platform
- Wisconsin Institute for Discovery (CAVE Virtual Reality Lab)** – Undergrad Lab Assistant (Madison, WI) *March 2016 – May 2016*
 - Developed hardware and software prototypes for virtual reality simulations
 - Focused on developing a Bluetooth human interface device for a semester long project commissioned by SC Johnson
- The Bakken Museum** - Summer Camp Counselor (Minneapolis, MN) *June 2012 - September 2015*
 - Assisted teaching science and engineering classes and worked with 3th – 9th grade students to design, program and build week long projects at a variety of locations including Medtronic and Boston Scientific.

Notable Experience:

- Designing/selling multi-console standalone gaming units (UniCade)** *2010 - 2016*
 - The commercial UniCade models are capable of running games from over twenty consoles through a fully custom interface designed from the ground up C#. The UniCade software suite also includes a companion Android app to remotely access and manage user game libraries through a SQL database on a custom-built server
 - Designed, marketed and sold commercial models to a fraternity at Purdue University and rented to a chain of local video game stores in Minnesota. Recruited and managed two separate teams in high school and at Purdue University who assisted with software development, CAD Design and marketing
- Intel International Science and Engineering Fair (ISEF) project** *June 2013 - June 2014*
 - Collaborated with a friend to design and build a search & rescue robot capable of extracting a human victim from a disaster situation without physical human intervention
 - This project attracted the attention of a defense contractor ATK (Alliant Techsystems) who provided significant funding
- Designing & building museum exhibits** *May 2011 - 2012*
 - Commissioned to design, build and program multiple Rube Goldberg themed public exhibits for various museums

Involvement:

- EMT in training (Emergency Medical Technician). Volunteering in the field and shadowing paramedics *2017 - Present* with a provisional EMT training license. I am scheduled to receive the full EMT-B license by fall 2018 through MATC
- Member of UW Student EMS (Emergency Medical Services), Badger Entrepreneurs, UW Undergrad Projects Lab (UPL) and the Wisconsin Union Directorate Music Committee at the University of Wisconsin - Madison *2015 - Present*
- Member of the Entrepreneurship Club and Phi Sigma Kappa (Delta Triton Chapter) at Purdue University *2014 - 2015*
- Participated in Basketball, Track & Field, Cross Country, Tennis, Soccer, and Debate throughout high school *2010 – 2014*

Digital Portfolio: (Includes GitHub, UniCade & ISEF project documentation, LinkedIn and more) benlen10.github.io