**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, Python and JavaScript
  + Experienced in Android development, Hadoop, Apache Hive, Xamarin, SQLite, SQLAlchemy, HTML5, Flask, Bootstrap, Solidworks CAD, Selenium WebDriver, VMware, Arduino development, Microsoft Team Foundation Server, Fiddler and RStudio

**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 diagnose data corruption and other errors as well as a utilizing a custom Hadoop database to store and analyze historical trends to predict future errors and other key statistics

**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 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, home projects and more)**[goo.gl/R2y6X3](http://goo.gl/R2y6X3)**