# **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

### **Technical Skills:**

o 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 and Hive to extract, convert and securely transfer customer financial data from
- o 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

- o 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

- o Responsibilities included working 20 hours a week and collaborating with a team of local and off-site software developers
- o 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
- o 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 3<sup>th</sup> – 9<sup>th</sup> 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

- UniCade aims to seamlessly integrate game consoles from several generations into a unified interface designed from the ground up in C#, as well as a companion Android app integrated with a custom web server
- Designed, marketed and sold custom-built physical arcade units to a fraternity at Purdue University and rented to a chain of local video game stores in Minnesota

#### Intel International Science and Engineering Fair (ISEF) project

June 2013 - June 2014

- o Collaborated with a friend to design and build an intelligent search & rescue robot for the Intel ISEF competition
- o This project attracted the attention of a defense contractor ATK (Alliant Techsystems) who provided additional funding

#### **Designing & building museum exhibits**

May 2011 - 2012

o Commissioned to design, build and program multiple Rube Goldberg themed public exhibits for various museums in MN

### **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
- 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

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