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Objective

To obtain an internship in software development at a company where leadership, and the drive
to develop extraordinary software is prominent.

Education

Penn State University, B.S. Computer Science 2016   *August 2012 - Present*

Research & Development Experience

Interactive Intelligence, Software Engineering Intern   *May 2015 – Present*
- Significant contributions to backend Node.js webhook service
- Utilized Redis, Apache Kafka, and Amazon SQS for message queuing and processing
- Implemented Docker local development environment

Kingdom Island, Software Engineer   *June 2013 – April 2015*
- Developed the first mini game, "Blocks," played over 500,000 times in less than two months
- Lead development in creating an innovative safe chat system for kids which has processed over 2 million messages with a 97% success rate in catching disapproved words or phrases
- Created a game moderation panel utilized by all staff members
- Extensive in-game cross platform features and corresponding server side development

RoviSys, Software Engineering Co-op   *January 2014 - May 2014*
- Worked on a team of two developing an augmented reality Google Glass Application
- Developed an asset management module for an office hoteling web application
- Extensive development of a business management tool

Mobile Bus Tracking Application/Publication   *June 2013 - August 2013*
- Conducted research alongside one other student and a Computer Science faculty member to develop a mobile bus tracking application
- Published research paper in Circuit Cellar magazine in June 2014
- Selected to grace the cover of the magazine issue

Astro Promotions, Co-Founder   *August 2012 – February 2013*
- Designed autonomous promotion algorithms to assist actors and actresses in obtaining jobs easier as well as the core web application.

Computer Science Teaching Assistant   *August 2013 - December 2013*
- CS121: Introduction to Programming Techniques
- CS102: Introduction to Visual Programming

Selected Skills

- Proficient – Node.js, JavaScript, Java, PHP, SQL, Cocos2d, Nginx, Git
- Experience - .NET (C#, Visual Basic), Redis, Apache Kafka, Amazon SQS, C++, HTML, CSS, Apache2, Docker