

Nikolas Ogg

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Objective: I am seeking a summer internship in software development starting mid May 2015.

Key Skills

- Proficient or familiar with languages such as:
 - Proficient: Java, C, Ruby
 - Familiar: Javascript, HTML5, CSS
- Technologies: Amazon AWS, Puppet
- Languages: English (native) German (native)

Education

- Pursuing Bachelor of Science in Computer Science 2013-2017
 - Purdue University, College of Science, West Lafayette
 - Second Year Student, Junior Status
 - Minor: Mathematics
 - Cumulative GPA: 4.0
- Graduated from West Lafayette Jr./Sr. High School 2013
 - Academic Honors Diploma Valedictorian (GPA: 4.0)

Work Experience:

- Software Developer for Purdue Math Department Fall 2014
 - Developing a tool to determine weaknesses in math ability and generate personalized study guides based on this information on a per student basis. This will be used in math classes at Purdue.
- Software Engineering Intern at Interactive Intelligence (DevOps Team) Summer 2014
 - Maintained the infrastructure of a cloud based call center platform.
 - Developed a monitoring tool for Apache Kafka message brokers.
- Undergraduate TA for Programming in C (CS 240) Spring 2014

Leadership

- President of SIGART – ACM Special Interest Group for Artificial Intelligence 2014
 - Previously: Created a program to piece together an image of a shredded document.

Programming Projects

- Currently developing a turn-based multiplayer game with a small team (Java) 2013-2014
 - This Java project utilizes various technologies such as network communication through sockets and multithreading for server-client communication.
- Created a multithreaded Tetris clone (Java) 2012
 - This project made heavy use of threads to separate the rendering and event threads. Through the use of interfaces, adding new game modes was very simple.

Course Work:

- Completed: Several Variable Calculus, Programming in C, Foundations of Computer Science, Computer Architecture, Data Structures and Algorithms
- Current: Systems Programming, Introduction to Analysis of Algorithms

Awards/Honors

- Purdue Computer Science Outstanding Freshman Award Spring 2014
- Purdue Trustees Scholarship Recipient 2013
- Purdue Honors College 2013