

Nikolas Ogg

1224 N. Salisbury St.
West Lafayette, Indiana, 47906

(765) 543-5243 (cell)
Email: oggnik@gmail.com

Objective: I am seeking a summer internship in software development starting mid May 2016.

Key Skills

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

Education

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

Work Experience:

- Software Engineering Intern at Interactive Intelligence (Media Team) Summer 2015
 - Created a web application for the text to speech (TTS) engine. This is used to demonstrate and test the TTS voices.
 - Increased the accuracy of the speech recognition engine by modifying the way recognition graphs are built.
- Software Developer for Purdue Math Department Fall 2014
 - Worked on developing a tool to determine weaknesses in math ability and generate personalized study guides based on this information on a per student basis.
- 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 2014-2015
- Vice President of ACM 2015

Programming Projects

- Developed 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.

Course Work:

- Completed: Computer Architecture, Data Structures and Algorithms, Systems Programming, Introduction to Analysis of Algorithms, Artificial Intelligence, Software Engineering
- Current: Data Mining, Introduction to Cryptography, Operating Systems

Awards/Honors

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