Kevin Fleishaker

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Education:

Bachelor of Science, Computer Science, expected April 2015
University of Pittsburgh
GPA: 3.55

Technologies:

- Java, C, C++, HTML, CSS, MIPS
- Familiarity with: tcl, PL/SQL, JavaScript, JQuery, Bootstrap
- Eclipse, GitHub

Experience:

- **Software Engineering:** Worked in group of five to complete all steps of the software lifecycle to develop a web-based calendar application that allows students to view events at their school. Contributed to definition of requirements specification, and OOD of modules. Developed database interface in Java using JDBC with Jconnector.
- **Human Language Technologies:** Participated in group of three to develop a QA system. Implemented base algorithms in Java to identify the best answer sentence, and phrase in the sentence to a given question. Cooperated with team members to improve system to reach 60% performance in selecting correct answer.
- **Introduction to Simulation:** Developed a simulation of a fast food restaurant system to compare models in a team of three. Implemented the queueing simulation system in Java, and collected data for analysis.
- **Intro to Operating Systems:** Developed a two-level file system for Unix systems that runs in user space using C with FUSE. Solved producer/consumer problem in C using semaphores. Implemented semaphore operations, up and down, by adding system calls to the Linux kernel.
- **Into to Computer Architecture:** Developed simulation of five-stage pipeline and cache in C.
- **Intro to Theory of Computation:** Improved problem solving skills by constructing and evaluating regular and context-free languages, and Turing machines. Constructed proofs of the complexity of numerous problems. Showed that problems are a member of NP by creating a polynomial time verifier, and polynomial time non-deterministic Turing machine that solves the problem.

Work Experience:

May 2012 – Present: Student employee in Arts and Sciences Graduate Studies Office at University of Pittsburgh

- Maintain hard copies of student files, perform data entry, and deliver documents to campus offices. Assist students when needed.