

Kevin Fleishaker

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Portfolio: <http://kevinf412.github.io>

Education:

Bachelor of Science, Computer Science, Expected graduation April 2015

University of Pittsburgh

GPA: 3.55 (Through fall term 2014-2015)

Technologies:

- Java, C, C++, HTML, CSS, MIPS
- Familiarity with: tcl, Javascript, JQuery
- Eclipse

Experience:

- **Software Engineering:** Worked in group of five to complete all steps of the software lifecycle to develop a web-based information system for social networking. Created a 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.
- **Intro 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.