

JEFF KLEIN

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PERSONAL STATEMENT

Join a software engineering team that will benefit from my programming abilities, excellent interpersonal skills, and passion for the art of computer programming while I continue to learn and grow in these areas.

EDUCATION

B.S. Computer Science — GPA 3.4/4.0 *Fall 2011 - December 2015*
The University of Georgia, Athens, GA

- Upper-level coursework: Web Programming, Data Mining, Genetic Algorithms,

Before College *Spring 2011 and before*

- 1440/1600 SAT score (770/800 Math, 670/800 Verbal), 32 on ACT
- Graduated high school with an International Baccalaureate (IB) Diploma

SKILLS

- *Languages:* C++, C, Java, Python, Ruby, JavaScript
- *Tools:* bash/zsh, OSX, Unix, Vim, HTML/CSS, Ruby on Rails, JSP and Java Servlets, L^AT_EX

WORK EXPERIENCE

Software Team Intern — *The Coca-Cola Company, Atlanta, GA* *Summer 2014, Summer 2015*

- Member of the software engineering team for Freestyle, Coca-Colas semi-automated drink dispenser
- Assisted in developing software framework that automates quality assurance tests
- Used that framework to perform tests and analyze results on newest machines in development

Development Intern — *CentreSource, Nashville, TN* *Summer 2013*

- Refactored a legacy Rails application to lay the foundation for a dashboard application to increase project transparency and decrease client queries
- Gained hands-on exposure to professional web development at a firm specializing in the Rails framework

IT Intern — *PeopleNet, Atlanta, GA* *Summer 2012*

- Created comprehensive list of each mobile website feature and its expected behavior, designing test cases to evaluate each feature
- Executed tests on multiple of versions of iOS, Android, and Blackberry OS
- Organized and recorded test results, pinpointing nearly one hundred bugs across all platforms

SELECTED COURSE WORK

- **Software Engineering** – Built an extensive online auction web application with nearly 8000 lines of code. Simulated a software team building a product based on client specifications. Worked with three other students to create a 50-page document outlining the system before eventually implementing it using Java, Java Servlets, JSP, CSS, and MySQL. My responsibilities included designing the database schema, implementing it in MySQL tables and Java classes, designing and writing exhaustive test cases, implementing an easy-to-use web interface, and using CSS to improve aesthetics.
- **Artificial Intelligence and the Web** – Learned about AI in the context of the internet. For example, various search engine models such as vector-space model, ontological models for organizing web content, etc. For my final project, with a classmate I built a bot that replied to comments on reddit.com that contained YouTube links with a summary of information about the video.

EXTRACURRICULAR INTERESTS

- **Music** – Music is my passion. I have been playing drums for over four years. I am the drummer in a band with fellow students called Fat Neptune. When not playing music, I am listening to it, actively seeking out new artists.
- **Programming** – I have engaged in many programming projects outside of school, including minesweeper using Java graphics, a band name generator that takes into account syllable inflection, and a command-line app that helps the user cheat at the popular mobile phone word game Ruzzle