

KEVIN YOU

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EDUCATION

University of Texas at Austin
Bachelor of Science in **Computer Science**
Bachelor of Arts in **Linguistics**

Expected Graduation Date: May 2018
Overall GPA: 4.0

EXPERIENCE

Cisco June 2017 - August 2017
Software Development Intern Dallas, TX

- Created a RESTful API for an internal form submission tool, using the Java Spring framework
- Converted between JSON, Java Objects, and SQL rows using Jackson and JDBC
- Mentored another intern with Git, REST, and Java programming

Cvent May 2016 - August 2016
Software Engineering Intern Austin, TX

- Created RESTful applications using the Dropwizard framework for Java
- Wrote unit tests and documentation for legacy codebase

PROJECTS

Competitive Programming Fall 2013 - Present

- Wrote programs that solved math problems using various algorithmic techniques
- Attended Regional UIL 2014, HP CodeWars, and ACM ICPC South Regional 2014
- Regularly participated in various other local and online contests as a hobby

Barrelfish Operating System January 2017 - May 2017
School Project, with three group members

- Developed a small multicore operating system on a ARMv7 PandaBoard development board
- Manipulated low-level hardware such as by accessing hardware registers for built-in LEDs
- Designed a protocol for establishing and using shared memory regions across cores and processes
- Designed all parts of the system (memory, I/O, IPC) with deadlock prevention in mind

Pintos Operating System September 2015 - December 2015
School Project, with three group members

- Built on top of a pre-existing instructional OS written in C, run on a virtual machine
- Implemented virtual memory with demand paging and a multi-level indexed file system

TECHNICAL STRENGTHS

Languages, Proficient at	Java, Python, and C
Languages, Exposure to	C++, Haskell, and SQL
Software	Git, Linux, L ^A T _E X

RELEVANT COURSEWORK

Multicore Operating Systems	Theory of Computation
Information Retrieval	Real Analysis