Jack Ceverha

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Education

University of Texas at Austin, Class of 2018
- Pursuing B.S. In Computer Science and B.A. In Plan II
- **Turing Scholars** Computer Science Honors Program
- **Plan II** Liberal Arts Honors Program
- **Dedman** Distinguished Scholarship Program

Highland Park High School, Class of 2014

Technical Skills

Extended personal and academic experience in Java
Moderate experience in C and x86 assembly, traditional web stack, Unix command line, OOP methodology
Some academic exposure to Python and Matplotlib, Git, C++, Emacs, JUnit

Employment Experience

Research Assistant, UT Austin Information Retrieval and Crowdsourcing Lab — Fall 2016
- Work on expanding Arabic web search capabilities across informal and formal discourse

Independent Contractor/Developer, CampaignShortcuts — Summer 2014
- Developed in Oracle SQL and PL/SQL
- Worked on user interface improvements as well as back-end data organization and design

Employee, Flash Photography — Summer 2015
- Processed graduation photos for nation's second largest commencement photographer
- Included cropping, photoshop, data entry, and quality verification
- Interacted with customers through placing orders and remedying complaints and issues

Projects

Web Crawler – search engine written in Java — Fall 2014
- Implemented a spider that traverses a given web and fills an inverted index with tokenized page information
- Created query parser with GUI to access the index via boolean retreival paradigm

Snake game replica with score and comment submission — Spring 2014
- Javascript based, with HTML Canvas and full web stack
- Scores and comments stored in MySQL database

Relavant Coursework

Past

Course	Term
Data Structures, Honors	Fall 2014
Discrete Mathematics, Honors	Fall 2014
Computer Architecture, Honors	Spring 2015
Computational Evolution, Research	Spring 2015
Information Retrieval and Web Search	Fall 2015
Operating Systems, Honors	Fall 2015

Current

Course	Term
Cyberphysical Systems	Fall 2016