

# 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 Scholar

Highland Park High School, Class of 2014

## Technologies

Professional experience with **Golang** and **Git** in a TDD environment

Extended personal and academic experience in **Java** and Unix environment

Moderate experience in **AngularJS**, C, x86 assembly, and the traditional web stack

Working knowledge of Python and C++

## Previous Employment

Intern, **Tasqr** Technologies inc.

May 2016 to  
now

- Part of a startup team with daily scrum meetings
- Designed and implemented new features from the ground up that are currently used by customers
- Included data model and server side code additions as well as UI extensions to interact with and display these new additions
- Played a key role in product design decisions

Research Assistant, UT Information Retrieval and Crowdsourcing Lab

Spring 2016

- Work on expanding search capabilities across the Arabic web

## Personal Projects

WebCrawler - Java search engine

Fall 2014

- Implemented a spider that traverses a given web and fills an inverted index with tokenized page information
- Created query parser to access the index via the boolean retrieval paradigm

Autonomous Car Controller

Spring 2016

- Implemented a PID controller that interpreted LIDAR data
- 1:10 scale car could navigate a simple rectangular circuit with an inner wall

## Relevant Coursework

Data Structures, Honors

Fall 2014

Computer Architecture, Honors

Spring 2015

Operating Systems, Honors

Fall 2015

Information Retrieval and Web Search

Fall 2015

Cyberphysical Systems

Spring 2016

Algorithms and Complexity

Current