

# Jordan J Lopez

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## Education

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### The University of Texas at Austin (Class of Fall 2017)

Austin, TX

B.S. IN COMPUTER SCIENCE

Aug. 2014 - PRESENT

- Current Courses: Algorithms, Data Management, Virtualization
- Previous Courses: Software Engineering, Artificial Intelligence, Computer Networks, Declarative Programming

## Experience

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### Intel

Austin, TX

SOFTWARE ENGINEERING INTERN

Nov 2015 - PRESENT

- Created and maintained data processing and visualization ecosystem for mobile processor development teams.
- Interacted with and utilized numerous database management solutions, including MySQL, Microsoft SQL Server, and SQLite.
- Interfaced directly with hardware engineers to provide useful, automatic, and actionable metric-tracking.
- Provided programming support for the project management team, producing efficient solutions to complex data problems.

### Southwest Utility Billing

Houston, TX

SOFTWARE CONSULTANT

Aug 2015 - Nov 2015

- Produced a streamlined application for transforming large amounts of 3rd party data into uniform reports for clients.
- Turned an hours-long monthly process into one that takes minutes.

## Projects

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### www.slashnew.com

Python, Javascript

PERSONAL PROJECT

2017

- Created a platform for watching Reddit.com submissions happen live.
- Connected to Reddit API to produce dynamically updating charts and visualizations.
- Utilized Meteor.js and MongoDB to create an automatic and compelling user experience.

### www.inebri8.me (offline)

Python, Javascript

SCHOOL PROJECT

2017

- Collaborated with a team to create an alcoholic beverage recipe suggestion service.
- Designed a relationship structure between distinct pillars of data.
- Developed a RESTful API for accessing correlated recipe and ingredient data.

### Pintos

C

SCHOOL PROJECT

2015

- Worked with a small team in updating a strongly inter-connected existing code base.
- Implemented core operating system functionalities, including threads, file systems, paging, and virtual memory.
- Explored advanced optimization techniques that extend to all levels of programming.

### BWI Robot Face

C++

SCHOOL PROJECT

2015

- Created an animated, interactive face using the Robot Operating System (ROS).
- Utilized open-source computer vision software to track faces.
- Contributed to the development of robots for the University of Texas' Building Wide Intelligence program.

## Skills

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**Proficient** Perl, Python, Java, MySQL, Microsoft SQL Server

**Worked in** C, C++, javascript, VBA, html, css, MongoDB, PostgreSQL, SQLite

**Software** Microsoft Excel, git, SQL Server Managment Studio, Meteor.js, Docker