

# Matthew Broussard

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## Education

### University of Texas at Austin

Expected Graduation: December 2015

- Pursuing B.S. in Computer Science
- 3.85 CS GPA, 3.63 Overall GPA after Fall 2014 semester

## Technical Skills

- Proficient in Java, Python, JavaScript, PHP, and HTML/CSS
- Experience with C, C++, Objective-C, SQL

## Work Experience

### Facebook (Menlo Park, CA) – Software Engineer Intern

Summer 2014

- Developed frontend Messaging features and UX improvements (PHP/Hack, JavaScript, React)

### Tableau Software (Seattle, WA) – Software Engineer Intern

Summer 2013

- Designed and implemented statistical analysis features for Tableau 8.1 (C++, Qt)

## Projects

### Building Wide Intelligence Touch Kiosk UI – HTML, CSS, JavaScript, jQuery, PHP, MySQL, Python, ROS

Spring 2013

- Touch-aware web application deployed in Gates-Dell Complex to display information for visitors, students, and faculty and allow interaction with Building Wide Intelligence robots

### PolyDrop – Java, Java Swing, Leap Motion

Spring 2014

- Cross-platform game using Leap Motion Controller for physical engagement of up to two players

### PacMan Artificial Intelligence Projects – Python

Spring 2014

- Agents implementing various search, inference, reinforcement learning, classification techniques

### Simple Search Engine – Java, HTML, CSS, JavaScript, jQuery

Fall 2012

- Web crawler that indexes text content on webpages, simple embedded HTTP server to process queries, and interactive front-end for viewing results

### Tetris – Java, Java Swing

Fall 2012

- Graphical Tetris clone including game-playing AI and adversary AI to increase difficulty

## Coursework

- Network Security and Privacy Spring 2015
- Big Data Programming Spring 2015
- iOS Mobile Development Spring 2015
- Computer Graphics Spring 2015
- Object-Oriented Programming Fall 2014
- 3D Reconstruction with Computer Vision Fall 2014
- Algorithms and Complexity Spring 2014
- Artificial Intelligence: Honors Spring 2014
- Operating Systems: Honors Fall 2013
- Autonomous Intelligent Robotics (Freshman Research Initiative) Spring/Fall 2013

## Extracurricular Activities

### UTCS First-Year Pods – Pod Mentor

Fall 2014 - present

- Teach 15 first-year honors CS students about navigating industry and academia
- Organize events for career, social, and academic enrichment

### UTCS Roadshow – Materials Committee Lead

2013 - 2014

- Outreach organization to spread interest and awareness about CS to K-12 students

GitHub, LinkedIn, project details, and more at [mattb.io](http://mattb.io)