

Matthew Broussard

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Education

University of Texas at Austin

December 2015

- B.S. in Computer Science
- 3.89 CS GPA, 3.72 Overall GPA

Technical Skills

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

Work Experience

Dropbox (San Francisco, CA) – Software Engineer Intern

Summer 2015

- Developed backend performance improvements for full-text search (*Python, Go*)

Facebook (Menlo Park, CA) – Software Engineer Intern

Summer 2014

- Implemented 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 Desktop (*C++, Qt*)

Projects

Where's My Stop? – Objective-C

Spring 2015

- App for iOS that notifies users when they are approaching their destination stop on public transit

PacMan Artificial Intelligence Projects – Python

Spring 2014

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

PolyDrop – Java, Java Swing, Leap Motion

Spring 2014

- Cross-platform game using Leap Motion Controller for physical engagement of up to two players, with over 35,000 downloads

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

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

Coursework

- Programming for Performance (*CUDA*) Fall 2015
- Distributed Systems: Graduate, Audited Fall 2015
- Network Security and Privacy Spring 2015
- Big Data Programming (*Hadoop, Spark*) Spring 2015
- iOS Mobile Development Spring 2015
- Computer Graphics (*OpenGL*) Spring 2015
- 3D Reconstruction with Computer Vision (*OpenCV*) Fall 2014
- Artificial Intelligence: Honors Spring 2014
- Algorithms and Complexity Spring 2014
- Operating Systems: Honors Fall 2013

Extracurricular Activities

UTCS First-Year Pods – Pod Mentor

2014 - 2015

- Career and academic mentoring and social events for 15 first-year honors CS students

GitHub, LinkedIn, project details, and more at mattb.io