

Bryan Deloeste

2017

CONTACT

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Location: Denver, CO

EXPERIENCE

Software Engineer @ Intellex Technologies

June 2016 to Present

Architected, built and maintained UI automation framework. Upgraded old pages and implemented internal tools that are highly used by consultants and clients. Migrated source control from VSTS to Git. Wrote several scripts to automate source control management and build status notifications on Jenkins. Presented internal bi-weekly tech talks to developers and consultants.

Software Engineer Intern @ WiseWear Corporation

January 2015 to January 2016

Developed Android application for parsing accelerometer data via Bluetooth and created real-time plotting interface. Application prototype was demoed in investor meetings. Developed event-driven communication protocols for application-specific PCB. Wrote firmware to adequately test internal and communication peripherals of PCB.

PROJECTS

Machine Learning w/ Fantasy Football

September 2016

Implemented a linear regression model for predicting fantasy football points with Google Tensorflow. Mined and stored NFL team and player data with Python and MongoDB.

Research Talk: Social Networks Under Stress @ Stanford Scholar

September 2016

Made content contributions to a research talk.
scholar.stanford.edu

LIMA (Location Inference Mapping Analytics)

August 2015 to May 2016

Served as project manager, technical, design, and business lead. Architected frontend and backend infrastructure of web application. Mined, sanitized, and stored over ten million documents of Twitter data using AWS EC2 and S3 services. Developed backend API endpoints and communication to application layer. Conducted market research to develop a business plan for the UTSA CITE competition.

TheatreV @ HackTech, California Institute of Technology

February 2016

Deployed backend Node.js server on Azure to handle websockets for distributing state information from our multi-user virtual reality home theater. Interfaced with Synaptics capacitive touch sensor to handle user input and interactions with objects in Unity3D.

StockTalk @ HackRice, Rice University

January 2016

Implemented a virtual stock market where common stock prices of tech companies were influenced by the sentiment of each company on Twitter. Implemented using Django and developed a natural language processing module to service sentiment labeling of informal social media text.

LMI Research Project

May 2015 to September 2015

Developed a Django web application with Node.js and MongoDB that performs real-time word vs. frequency plotting using Twitter Stream API. Developed a natural language processing framework and data mining tool for word-frequency and n-gram analysis.

Intergalactic Translator @ AngelHack, Austin, TX

May 2015

Built a bidirectional video chat service that provided near real-time speech translation in languages supported by Google Translate. Developed a backend service for text to speech and speech to text support. Implemented as a Google Chrome extension using AngularJS, Node.js, Google Web Speech API, Respoke API, and Linode.

EDUCATION

University of Texas at San Antonio

B.S. Computer Engineering

Graduated May 2016

Major GPA: 3.75

Relevant Coursework

- C++ and Data Structures
- Comp. Eng. Design I & II (Capstone)
- Comp. Organization & Architecture
- Computer Vision (Independent Study)
- Digital System Design
- Large Scale Data Management
- Operating Systems
- Software Engineering

SKILLS

Proficient

C#, JavaScript (ES6), TypeScript, Python

Intermediate

Agile, Oracle SQL, Git, HTML5, MongoDB, NUnit, Selenium, CSS/SCSS, Unix

Basic

AWS, Jenkins CI

AWARDS

- President's List *Fall 2015*
- Dean's List *Fall 2014, Spring 2015*
- Honor Roll *Fall 2013 - Sum. 2015, Sp. 2016*
- Best Use of Linode *May 2015*
- Best Use of Respoke *May 2015*
- Best Use of AWS *April 2015*

EXTRACURRICULAR

Association for Computing Machinery

Projects Committee Officer *Fall 2015 - May 2016*

Hour of Code

Mentor & Volunteer *December 2015*

3 Day Startup

Participant *December 2014*

IEEE

Student & National Member *Sp. 2012 - Sp. 2016*

Filipino Student Association

Vice President *Fall 2013*

Social Chair *Fall 2012 - Spring 2013*

For the Kids Dance Marathon

Volunteer & Participant *April 2012*

Light the Night Leukemia Walk

Volunteer *Fall 2011, Fall 2012*

Special Olympics (Okinawa, JP)

Volunteer *July 2010*

Hackathons

CodeRED, AngelHack, HackRice, HackTech, SXSW, Denver Startup Week

Personal Interests

Blogging, climbing, coffee, hiking, reading non-fiction, snowboarding, soccer.