Alan ■ Ma

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Ruby —
Java/C ——
C#/C++ ———
Python ————
JavaScript —————

Education

B.S. in Computer Science
University of Texas at Austin
GPA at 3.2

Graduating
May 2017

Skill

UI/UX Design

Visualization

Web Development

Computer Vision

Game Development

Experience

2016
05-08
vAuto
Software Engineer Intern
- Processed logs through **Logstash** and **ElasticSearch**
- Automated report generation
- Created training system using **OpenCV** and **GoPro**

2015
11-02
AT&T
Big Data Intern
- Defined schema for data aggregation
- Constructed widgets for dashboard customization

2015
09-10
University of Texas at Austin
Student Technician
- Verified machine identification validity and performance
- Provided IT support for departmental users

2015
06-08
AT&T
Big Data Intern
- Developed a metadata analysis tool using **Docker** and **Spark**
- Visualized metadata in **HDFS** with **Three.js** and **D3.js**

2015
01-06
The Daily Texan
Interactive Data Specialist
- Built interactive information apps with **D3.js** and **Leaflet.js**
- Redesigned responsive website for the University paper

2014
06-08
AT&T
Big Data Intern
- Made Connected Car app using **Sinatra** and **MongoDB**
- Reworked the internal organizational chart with **D3.js**

Project

Bullets
Recreation of Touhou Project with a space theme

Sniffer
Map displaying stray animals around Austin containing helpful attributes to affirm that it is your pet

Visual/Audio
3D music visualization to accompany spotify

Pocket
Text various console commands via a phone number to accomplish simple tasks like compute equations, sample code, etc.

RedditBoard
Image platform intended to emulate dribbbleboard's ease of content browsing

Downtale
Game made in Ogre3D where the player tries to fall as fast as possible without colliding with obstacles

Leadership

Association for Computing Machinary
Current: President   Past: VP Social, Member

Taiwanese American Student Association
Past: Webmaster, Member

Hobby

Illustrating

Puzzle Solving

Asking Questions