

# SCOTT HUANG

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## INDUSTRY EXPERIENCE

### **The Home Depot** *Software Engineer*

July 2018 – Present

- Collaborate with Agile team of 3-5 developers, product manager, UX designer

#### **Migration to Google Cloud Platform (GCP)**

- Refactored applications to query database API from GCP instead of internal database
- Implemented kill-switch functionality to conveniently swap between GCP and internal database
- Implemented data sync functionality to keep data synced between GCP and internal database
- Migrated applications from internal server to GCP

#### **Digital Asset Management (DAM) API Creation**

- Migration of data from legacy DAM (older system) to new DAM
- Parsed metadata of old DAM to fit new business requirements and outputted metadata to new format acceptable by new DAM
- Designed new microservice architecture for API interfacing with DAM
- Periodically queried API and added data response to Pub/Sub queue, later to be ingested by DAM

#### **Article Listing Page on .COM website (Current)**

- Designed backend transformations to parse incoming article data and display it in frontend templates
- Added proper SEO requirements to make listing page indexable on search websites
- Injected backend data into frontend HTML-based templates with Mustache.js
- Utilized existing common enterprise frontend libraries to design common website components

### **Bank of America Merrill Lynch** *Global Analyst Technology Intern*

Summer 2017

- Automated trade queries previously requiring human approval from 4-6 days to 60 seconds
- Designed interactive and filterable data visualizations of 20+ million records of data that allowed traders to drill down on specific information efficiently

## EDUCATION

### **The University of Texas at Austin**

Bachelor of Science, Computer Science  
Overall GPA: 3.49

May 2018

## PROJECTS

### **Quote Bot** *Independent*

Fall 2018

- Utilized Discord API to write and host bot, written in Node.js on AWS Elastic Beanstalk server
- Programmed bot to store and display specified quotes to/from JSON file if queried in chat

### **Game of Thrones website** *Software Engineering at UT Austin*

Summer 2016

- Developed frontend for dynamic web pages of content-related data with Jinja, Bootstrap, and CSS
- Utilized Jinja's templating functionality to create reusable components

## TECHNICAL SKILLS

### **Proficiency in**

Java (Spring Boot), Agile (Scrum), Git,  
CI/CD (Concourse), Postman,  
Mustache.js, JetBrains, C, C++, Unity3D

### **Intermediate experience in**

JavaScript ES6, Node, React,  
Sass, C#, Python, Eclipse,  
Tableau

### **Rudimentary experience in**

Microservice Architecture,  
Cloud Platform (GCP), SQL,  
Assembly