Jonathan **Wang**

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EDUCATION

Drexel University, Philadelphia, Pennsylvania
Bachelor of Science, Computer Science   **September 2012 - May 2017**

TECHNICAL SKILLS

Languages: C++, C, Java, JavaScript, Bash, Python, HTML
Databases: PostgreSQL, MongoDB
Frameworks: NodeJS, VueJS, Angular2
Tools: Git, Jenkins, TravisCI

PROJECTS

Smart Home System
- Worked with four other developers to create a smart home system using Raspberry Pies and MEAN stack dashboard.
- Spearheaded all technical writing, including system, design, and testing documents
- Setup guidelines and developed tests for web components using KarmaJS and MochaJS
- Designed and implemented major portions of the web component with Angular2 and NodeJS that communicated to Raspberry Pies.

Magic the Gathering Deck Price Checker
- Developed with others a web application using MeteorJS that looked up thousands of prebuild decks and totaled deck prices using real-time card prices
- Used Kimono Labs to scrap deck data into Firebase, and used TCGPlayer's api to check card prices

Personal Discord Bot
- Developed a Discord bot in NodeJS that displays information such as schedule to air anime, and Counter Strike matches
- Used AniList's GraphQL api and HLTV api to query for all of specific anime or live/upcoming Counter Strike that came out today when the bot is queried
- Deployed the bot on Heroku allow the bot to be integrated to any Discord server

EXPERIENCE

Thomson Reuters
Junior Software Engineer   **March 2015 – December 2015**
- Built and automated the deployment of all the front-end components using Jenkins, cutting deployment time by two days and the number of developers needed to zero
- Deployed different continuous environments using Jenkins for different departments within the company
- Optimized installation jobs of front-end components using shell script and ant jobs
- Worked with other programmers to enhance front end application using Javascript, JSP, XSL and Java

PJM Interconnection
Platforms Operations Co-op   **March 2014 – September 2014**
- Parsed and organized thousands of data files using personal bash and awk scripts
- Created real time updating charts and graphs using bash scripts and graphite
- Gained knowledge and comprehension of the command line interface