

Jonathan Wang

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EDUCATION

Bachelor of Science, Computer Science
Drexel University | Philadelphia, PA | May 2017

TECHNICAL SKILLS

Languages: C++, C, Java, JavaScript, Bash, Python, HTML

Databases: PostgreSQL, MongoDB

Frameworks: NodeJS, VueJS, Angular2

Tools: Git, Jenkins, TravisCI

PROJECTS

Senior Design: Smart Home System (github.com/Jonathansw/CosmosCloud_SD), Drexel University
PHILADELPHIA, PENNSYLVANIA | SEPT 2016 – JUNE 2017

- Worked with four other developers to create a smart home system using Raspberry Pies and MEAN stack.
- 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 that communicated to Raspberry Pies.

Magic the Gathering Deck Price Checker (github.com/Jonathansw/MTGPrices), Drexel University
PHILADELPHIA, PENNSYLVANIA | MAR 2015 – JUNE 2015

- Developed with others a web application with MeteorJS that looked up prebuild decks and totaled real-time deck prices
- Used Kimono Labs to scrap deck data into Firebase, and used TCGPlayer's Api to check card prices

EXPERIENCE

Junior Software Engineer, Thomson Reuters
PHILADELPHIA, PENNSYLVANIA | MAR 2015 – DEC 2015

- Built and automated the deployment of all the front-end components using Jenkins, cutting deployment time and the number of developers needed
- Created different continuous environments using Jenkins for different departments within the company
- Built new installation jobs using shell script and ant jobs
- Worked with other programmers to enhance front end application using Javascript, JSP, XSL and Java

Platforms Operations Co-op, PJM Interconnection
PHILADELPHIA, PENNSYLVANIA | MAR 2014 – SEPT 2014

- Parsed and organized large 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