David Guan

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN
BS in Computer Science
Expected May 2017
Cum. GPA: 3.11

COURSEWORK

UNDERGRADUATE
Algorithms
Data Structures
Systems Programming
Programming Studio
Database Systems
Data Mining
User Interface Design
Computer Architecture
Numerical Methods
IN PROGRESS
Programming Languages and Compilers
Software Engineering
Bioinformatics
Ethical & Professional Issues

SKILLS

PROGRAMMING
Experienced
Java • JavaScript • C++ • Python
AngularJS • TypeScript • PHP • HTML
CSS • jQuery •
Intermediate
C • LaTeX • MySQL • Linux
Familiar
PhantomJS • NodeJS • Gulp • MIPS
Android

LINKS

Github://**dguan4**
Pick a Champ://**Pick A Champ**
Crop Crossing://**Crop Crossing**

EXPERIENCE

DUPONT PIONEER HI-BRED | Software Developer Intern
May 2016 - Aug 2016 | Johnston, IA
- Front-end web development using AngularJS and TypeScript.
- Participated in an agile environment and contributed to sprints.
- Helped out with using the PhantomJS framework to create PDFs.
- Created widgets and hooked them up to a dashboard with Yeoman.
- Wrote unit tests and implemented Google Analytics.

RESEARCH PROJECT | Researcher
Aug 2015 - Jan 2016 | Champaign, IL
- Used GNS3 to communicate with various network devices.
- Working with Check Point Firewall integration with GNS3.
- Researching various APIs and their interaction with networks.
- Understanding STP and its connection to networks switches.

DATALOGICS | Job Shadow
Jan 2015 | Chicago, IL
- Experienced a developer working on their WebAPI
- Attended team sprint meetings and learned about Agile Management

WILDHACKS | Participant
Nov 2014 | Evanston, IL
- Worked in a team of 4 to produce an emergency location app.
- Role: developed a GPS location script to send location.
- Developed for android using the Eclipse IDE with ADT.

UNIVERSITY OF ILLINOIS - MATH LIBRARY | Student Assistant
Aug 2013-Present | Champaign, IL
- Maintained the cleanliness of the library
- Assisted patrons with charging/discharging books
- Worked on scheduling work hours for the student assistants
- Searched for books in order to keep the library updated

PROJECTS

PICK A CHAMP
- Created web application using HTML, CSS, Javascript, and PHP
- Saved information using SQL databases

CROP CROSSING
- Web based game created using HTML, CSS, and Javascript (createJS)
- Teaches biological concepts through crossing genes using a Punnett Square and turning those in to beat the game