

# David Guan

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## Education:

**University of Illinois at Urbana-Champaign**  
Bachelor of Science in Computer Science

**May 2017**  
GPA: 3.11/4.00

### *Related Coursework*

Data Structures  
Data Mining

Systems Programming  
Programming Studio

Database Systems  
Algorithms

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## Experience:

### **DuPont Pioneer Hi-Bred**

Software Developer Intern

**Johnston, IA**

May 2016-Aug 2016

- 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-Present

- 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

### **WildHacks**

Participant

**Evanston, IL**

Oct 2014

- 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 – Altgeld Library**

Student Assistant

**Urbana, IL**

Aug 2013-Present

- 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

### **Datalogics**

Job Shadow

**Chicago, IL**

Jan 2015

- Experienced a developer working on their WebAPI
  - Attended team sprint meetings and learned about Agile Management
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## Skills:

**Computer:** Python, Java, Javascript, C++, C, HTML, CSS, PHP, AngularJS, Typescript, Linux  
**Languages:** Fluent in Cantonese Chinese and English, Intermediate in French

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## Activities:

### **Github**

- <http://github.com/dguan4>

### **Database Project – Pick a Champ**

- <http://pickachamp.web.engr.illinois.edu/>

### **Crop Cross**

- <http://cropcross.web.engr.illinois.edu/>