

# David Guan

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## Education:

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

**May 2017**  
GPA: 3.10/4.00

### *Related Coursework*

Data Structures

Systems Programming

Database Systems

Computer Architecture

User Interface Design

Algorithms

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## Experience:

### **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**  
Nov 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

### **10x10 Virtual Hackathon**

Participant

**Virtual**  
Oct 2014

- Participated in a team of 3 to create a website of resources for students
- Role: worked on creating a web page for the project using HTML & CSS

### **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

### **Robert Bosch Tool Corporation**

Job Shadow

**Mt. Prospect, IL**  
Jan 2015

- Learned the various tools the corporation produces
- Integration of micro controllers and software behind it

### **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:** C++, Java, C, Javascript, HTML, CSS, PHP, Python, MaterializeCSS  
**Languages:** Fluent in Cantonese Chinese and English, Intermediate in French

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## Activities:

### **Github**

- <http://github.com/divide0>

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

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