

# Christopher L. Gu

COMPUTER SCIENCE MAJOR • BIOINFORMATICS MINOR

2023 Vichy Road • Rolla, Missouri 65401

☎ (636) 675-0378 | ✉ clg2n4@mst.edu | 🌐 www.christophergu.me | 📱 Goody101 | 📧 christopherlgu

## Education

### Missouri University of Science and Technology (Missouri S&T)

Rolla, Missouri

B.S. IN COMPUTER SCIENCE WITH A MINOR IN BIOINFORMATICS

Expected May 2020

- Cumulative GPA: **4.0**

## Experience

### Union Pacific Railroad (UP)

Omaha, Nebraska

IT SUMMER INTERN

May 2018 - August 2018

- Used Natural Language Processing (NLP) to put a conversational front-end on data
- Developed interactive chatbots using Rasa & Python that interfaced with UP's Hadoop Architecture and Data Portal
- Received 1st Place in UP's Intern Hackathon with a Customer Assistant chatbot
- Pitched my project to top executives and changed UP's direction in chatbot technologies
- Proposed and negotiated a \$20,000 partnership between Rasa and UP

### PickHacks

Rolla, Missouri

CO-DIRECTOR

March 2018 - PRESENT

- Currently organizing Missouri S&T's 1st full-fledged hackathon
- Served as the Head of Finance & Logistics and delegated roles/tasks to an 8 person team
- Raised \$30,000 in corporate sponsorships to fund an event that hosts 300+ college students from across the Midwest
- Communicated With Major League Hacking to make PickHacks an official member event

## Projects

### Android Applications

SELF-TAUGHT ANDROID DEVELOPER

- **ArchHacks** - *Lighthouse*: A network of android apps and beacons that automate and expedite the full patient-doctor experience
- **ShamHacks** - *Vetories*: A platform for veterans to upload their stories for others to watch, learn, and be inspired by
- **TigerHacks** - *Scoop*: A platform that provides a secure and crowd-sourced distribution of news and media
- **GlobalHack VI** - *Spot*: A system of android apps and web dashboards that connect the homeless to shelters

## Extracurricular Activities

### ACM SIG-Hack

Rolla, Missouri

CO-FOUNDER & CO-CHAIR

March 2018 - PRESENT

- Co-founded a hackathon special interest group in Missouri S&T's ACM chapter
- Implemented an official path to fulfilling Missouri S&T's experiential learning requirement
- Coordinated workshops, hackathon attendance, and demo events

### Miner Key A Cappella

Rolla, Missouri

FOUNDER & PRESIDENT

January 2018 - PRESENT

- Founded Missouri S&T's 1st A Cappella group
- Managed and directed (musically) a talented group of 18 vocalists
- Performed at various Missouri S&T, local, and nonprofit events

## Skills

**Interpersonal** Leadership, Management, Communication, Negotiation, Empathy, Positive Attitude, Teamwork

**Programming** Python, C++, Java, Node.JS, SQL

**Tools** Android Studio, Firebase, Amazon Web Services, Rasa