Christopher L. Gu

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Education

Missouri University of Science and Technology (S&T)   *Rolla, Missouri*

B.S. IN COMPUTER SCIENCE | BIOINFORMATICS MINOR | CS DEPARTMENT AMBASSADOR   *Expected Dec 2020*

- Cumulative GPA: **3.86**

Experience

Microsoft   *Redmond, Washington*

PROGRAM MANAGER INTERN   *May 2019 - Aug 2019*

- Defined project scope by conducting 30 user interviews, a 4-person usability study, and synthesized results
- Drove team consensus and feature development through in depth specs, syncs, and research
- Evangelized the adoption of a new automation platform through presentations to multiple diverse audiences
- Increased productivity of Azure DevOps customers by expanding Microsoft Flow features and developing top-value templates for public consumption

Union Pacific Railroad (UP)   *Omaha, Nebraska*

SOFTWARE ENGINEERING INTERN   *May 2018 - August 2018*

- Pivoted company use of chatbot technologies towards an open-source platform after winning the UP hackathon and pitching to EVPs
- Trained the interaction model of chatbots, using large data sets to develop pathways and mappings
- Increased accessibility of the UP Hadoop Architecture and Data Portal through delivery of interactive Rasa chatbots

Extracurricular Activities

Association for Computer Machinery (ACM)   *Rolla, Missouri*

VICE PRESIDENT   *March 2019 - PRESENT*

- Co-founded **ACM Hack** to foster S&T's growing hacker community
- Maintained cohesiveness and ensured efficient operations among the 6 special interest groups
- Established new programs and partnerships to further develop ACM and its committees

PickHacks   *Rolla, Missouri*

CO-FOUNDER, CO-DIRECTOR   *March 2018 - PRESENT*

- Led a team of 13 students to put on S&T's annual hackathon, attended by hundreds of students from across the nation
- Personally raised and managed $140,000 in corporate and university sponsorships as Finance Lead
- Coordinated venue, food, transportation, and activity details as Logistics Lead
- Designed the project architecture + tech stack and delegated roles + tasks as Development Lead

Miner Key A Cappella   *Rolla, Missouri*

FOUNDER, PRESIDENT, MUSIC DIRECTOR   *January 2018 - PRESENT*

- Recruited and managed a group of 18 vocalists to form S&T's 1st A Cappella group
- Established a music community that rehearses 3x per week, performs at various S&T and nonprofit events, and competes in the International Championship of Collegiate A Cappella (ICCA)

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
- **GlobalHack VI** - *Spot*: A system of android apps and web dashboards that connect the homeless to shelters

Skills

Programming   Python, C++, Java

Tools   Microsoft Flow, Android Studio, Firebase, Amazon Web Services, Rasa, Figma