

Irfaan Khalid

SOFTWARE ENGINEER · HACKATHON ORGANIZER · PUBLIC SPEAKER · PHOTOGRAPHER · WRITER

2301 Vanderbilt Place, Nashville, TN, 37235

☎ (815) 280-9862 | ✉ irfaan.khalid@vanderbilt.edu | 🏠 irfaan.me | 📷 [IrfaanKhalid](#) | 📺 [IrfaanKhalid](#)

Education

Vanderbilt University

B.S. IN COMPUTER SCIENCE, B.A. IN MATHEMATICS (APPLIED)

Nashville, TN

Aug 2015 - May 2019

The Hong Kong University of Science and Technology

STUDY ABROAD

Clear Water Bay, Hong Kong

Feb 2018 - May 2018

Work Experience

Capital One

SOFTWARE ENGINEER INTERN

- Working in Capital One's Model One team within its Mosaic Risk and Compliance Tech division.
- Developing a Spring Boot microservice API to expose model metadata to meet business needs.

McLean, VA

June 2018 - Aug 2018

The Bank of New York Mellon Corporation

SUMMER TECHNICAL ANALYST

- Developed the Spring backend for a web application that displayed application and service health statuses for BNY Mellon's Application Platform and Services division.
- Wrote, tested, and supported documentation for BNY Mellon's internal developer website.

Pittsburgh, PA

June 2017 - Aug 2017

Vanderbilt University Institute for Software Integrated Systems

RESEARCH INTERN

- Placed 1st among ten teams participating in DARPA's STAC research challenge as a member of Vanderbilt's research team.
- Developed tools for Java bytecode security analysis to aid in discovering time and space complexity vulnerabilities.

Nashville, TN

May 2016 - July 2016

Vanderbilt University, Department of Electrical Engineering and Computer Science

TEACHING ASSISTANT

- Assisted students enrolled in CS 1101 - an introductory Java programming course - during weekly office hours.
- Graded programming assignments and exams regularly and offered constructive feedback to students.
- Delivered bonus lectures on topics that cannot be covered in class; curricula can be found [here](#).

Nashville, TN

Aug 2016 - Dec 2017

Campus Involvement

VandyHacks

ADVISER

- Advise the VandyHacks V Presidents and organizing team, offering insight and assisting with administrative tasks.
- Served as President for VandyHacks IV, overseeing all coordination for the 450+ attendee hackathon and serving as a liaison between VandyHacks and Vanderbilt University.
- Served as Director of Sponsorship for VandyHacks III, managing all event finances and directing efforts to acquire over \$63k in sponsorship for the event.

Nashville, TN

Feb 2016 - Present

Vanderbilt Toastmasters

PRESIDENT

- Oversee club operations and coordinate with other members of leadership to foster a thriving organization.
- Regularly deliver speeches and serve in evaluation and other speaking roles.
- Earned the *Competent Communicator* certification in October 2017.

Nashville, TN

Mar 2016 - Present

Projects

StockShare | github.com/connorgoggans/StockShare

HACKATHON PARTICIPANT

- Built a web application that democratizes stock trading among friends.
- Developed backend functionality and integrated Firebase into the project.

CrimsonHacks

Mar 2017

Skills

- **Languages:** Java, C++, SQL, JavaScript, HTML, CSS
- **Technologies:** Spring Boot, NodeJS, REST APIs, Git, Maven, Bash, Homebrew, OracleSQL
- **Environments:** Windows, MacOS, Linux
- **Other Skills:** Public speaking, Agile, leadership, communication, teaching, mentorship, technical writing