

Irfaan Khalid

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

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Education

Vanderbilt University

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

Nashville, TN

Aug 2015 - May 2018

The Hong Kong University of Science and Technology

STUDY ABROAD

Clear Water Bay, Hong Kong

Feb 2018 - May 2018

Work Experience

Capital One

INCOMING SOFTWARE ENGINEER INTERN

McLean, VA

June 2018 - Aug 2018

The Bank of New York Mellon Corporation

SUMMER TECHNICAL ANALYST

Pittsburgh, PA

June 2017 - Aug 2017

- 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.

Vanderbilt University Institute for Software Integrated Systems

RESEARCH INTERN

Nashville, TN

May 2016 - July 2016

- 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.

Vanderbilt University, Department of Electrical Engineering and Computer Science

TEACHING ASSISTANT

Nashville, TN

Aug 2016 - Dec 2017

- 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](#).

Campus Involvement

VandyHacks

ADVISER

Nashville, TN

Feb 2016 - Present

- 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.

Vanderbilt Toastmasters

PRESIDENT

Nashville, TN

Mar 2016 - Present

- 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.

Projects

StockShare | github.com/connorgoggans/StockShare

CrimsonHacks

HACKATHON PARTICIPANT

Mar 2017

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

Skills

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