

Irfaan Khalid

STUDENT · DEVELOPER · HACKATHON ORGANIZER · PUBLIC SPEAKER · PHOTOGRAPHER

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Education

Vanderbilt University

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

Nashville, TN

Aug 2015 - May 2019

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 a Spring Boot backend for a web application that displays 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 10 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 (memory) complexity vulnerabilities.

Vanderbilt University, Department of Electrical Engineering and Computer Science

TEACHING ASSISTANT

Nashville, TN

Aug 2016 - Present

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

Campus Involvement

VandyHacks

PRESIDENT

Nashville, TN

Feb 2016 - Present

- Coordinated planning for VandyHacks IV, Vanderbilt University's fall 2017 hackathon, which drew 450+ attendees.
- Serve as a liaison between the VandyHacks student organization and Vanderbilt University administration.
- Served as the VandyHacks 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.
- Manage club memberships and cultivate a welcoming environment for new club members and guests.
- Regularly deliver speeches and serve in evaluation roles.

Projects

StockShare | github.com/connorgoggans/StockShare.

CrimsonHacks

HACKATHON PARTICIPANT

Mar 2017

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

Skills

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