

Irfaan Khalid

STUDENT · DEVELOPER · HACKATHON ORGANIZER · TEACHING ASSISTANT · 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

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.
- Played a key role in delivering final challenge answers to DARPA at the end of the project's first engagement in July 2016.

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.

Campus Involvement

VandyHacks

PRESIDENT

Nashville, TN

Feb 2016 - Present

- Oversee coordination for VandyHacks IV, Vanderbilt University's fall 2017 hackathon.
- Serve as a liaison between Vanderbilt University administration and the VandyHacks student organization.
- 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

VICE PRESIDENT MEMBERSHIP

Nashville, TN

Mar 2016 - Present

- Oversee club memberships and cultivate a welcoming environment for new club members.
- Regularly deliver speeches and serve in evaluation roles.

Projects

StockShare

HACKATHON PARTICIPANT

CrimsonHacks

Mar 2017

- Built a web application called Stockshare that democratizes stock trading among friends.
- Developed backend functionality and integrated a Firebase database into the project.
- StockShare can be found on Devpost at stockshare.irfaan.me.

Skills and Interests

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