Irfaan **Khalid**

STUDENT · DEVELOPER · HACKATHON ORGANIZER · PUBLIC SPEAKER · PHOTOGRAPHER

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Education

Vanderbilt University *Nashville, TN*

B.S. IN COMPUTER SCIENCE, B.A. IN MATHEMATICS (APPLIED) | GPA: 3.33/4.00 *Aug 2015 - May 2019*

Work Experience

Capital One *McLean, VA*

INCOMING SOFTWARE ENGINEER INTERN *June 2018 - Aug 2018*

The Bank of New York Mellon Corporation *Pittsburgh, PA*

SUMMER TECHNICAL ANALYST *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 *Nashville, TN*

RESEARCH INTERN *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 *Nashville, TN*

TEACHING ASSISTANT *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 *Nashville, TN*

PRESIDENT *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 *Nashville, TN*

PRESIDENT *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