

# 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) | GPA: 3.33/4.00

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](https://github.com/connorgoggans/StockShare).

HACKATHON PARTICIPANT

CrimsonHacks

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