Irfaan **Khalid**

Student · Developer · Hackathon Organizer · Public Speaker · Photographer

2301 Vanderbilt Place, Nashville, TN, 37235

☐ (815) 280-9862 | ✉ irfaan.khalid@vanderbilt.edu | 🏠 irfaan.me | ⚙ IrfaanKhalid | 🖶 IrfaanKhalid

Education

Vanderbilt University   *Nashville, TN*

B.S. in Computer Science, B.A. in Mathematics (Applied)   *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 that democratizes stock trading among friends.
- Developed backend functionality and integrated Firebase into the project.

Skills

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