

KASEY MCFADDEN

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EDUCATION

PRINCETON UNIVERSITY

PRINCETON, NJ

Bachelor of Science in Engineering, Computer Science

Expected JUNE 2022

- Relevant Coursework: Introduction to Machine Learning, Reasoning About Computation, Algorithms and Data Structures, Introduction to Programming Systems

MATAWAN REGIONAL HIGH SCHOOL

MATAWAN, NJ

Graduated Salutatorian

JUNE 2017

- STEM Academy | 8 AP Courses | SAT: 800/800 (M), 790/800 (CR) | President of Math & English Honor Societies

PROFESSIONAL EXPERIENCE

MERCK

BRANCHBURG, NJ

SOFTWARE ENGINEER INTERN

SUMMER 2020 & 2019

Recruited for data visualization internship after winning Merck hackathon challenge, and invited back the following summer

- *Second year:* Pursuing machine learning project to automate tablet disintegration analysis
- *First year:* Created dynamic visualization maps for pharmaceutical product distribution tracking and fraud detection

VENUS TECHNOLOGY VENTURES

STAMFORD, CT

FULL STACK DEVELOPMENT INTERN

JANUARY – JULY 2019

Developed front- and back-end software for startup

- Developed AI chatbot, front-end UI overhaul, database clean, privacy rework, and user authentication system and implemented over 10 APIs, including Slack and Alexa

CITI

NEW YORK, NY

DI FINANCE EDUCATION & MENTORSHIP PROGRAM

SEPTEMBER 2018 – APRIL 2019

Accepted to competitive finance mentorship program

- Engaged in monthly mentoring sessions with Citi professionals and quarterly financial education webinars

VONAGE

HOLMDEL, NJ

SOFTWARE DEVELOPMENT INTERN

SUMMER 2018 & 2017

Invited back to Vonage for second consecutive internship in software development

- *Second year:* Took on leading role in Intern Innovation Challenge team of five, pitched creative strategy that drove success, won competitive, multi-team challenge (voted winner by judge panel of 10+ including CEO, SVP, VP), developed containerized performance monitoring solutions for over 10,000 client accounts
- *First year:* Created independent project to integrate Nexmo, Google Calendars, Gmail, and IBM Watson to launch SMS-based reminder chatbot with python, incorporated AI, SMS, verification, and email APIs

ACTIVITIES

MCGRAW CENTER FOR LEARNING

PRINCETON, NJ

LEARNING CONSULTANT

JANUARY 2020 – PRESENT

- Consulting students to help them form an individualized and strategic approach to learning
- Advising on time management and planning, motivation and overcoming procrastination, problem-solving strategies, etc.

MEN'S HEAVYWEIGHT CREW

PRINCETON, NJ

Varsity Athlete

SEPTEMBER 2017 – PRESENT

- Training 20+ hours/week during fall, winter, and spring athletic seasons of Division I intercollegiate rowing program
- Volunteer one-on-one rowing coach for weekly Special Olympics athletic program