KASEY MCFADDEN

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EDUCATION

PRINCETON UNIVERSITY   **PRINCETON, NJ**
Bachelor of Science in Engineering, Computer Science   *Expected JUNE 2022*
- Relevant Coursework: Advanced Programming Techniques, Introduction to Machine Learning, Reasoning About Computation, Algorithms and Data Structures, Computer Graphics, Principles of Computer System Design, Introduction to Programming Systems

MATAWAN REGIONAL HIGH SCHOOL   **MATAWAN, NJ**
Graduated Salutatorian   *JUNE 2017*
- STEM Academy | National AP Scholar | SAT: 800/800 (M), 790/800 (CR) | President, Math & English Honor Societies

PROFESSIONAL EXPERIENCE

CAPITAL ONE   **MCLEAN, VA**
INCOMING TECHNOLOGY DEVELOPMENT PROGRAM (TDP) INTERN   *SUMMER 2021*

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*: Utilized computer vision (OpenCV) and machine learning (FRCNN) to automate tablet disintegration analysis, revamped company-wide chatbot and scheduling assistant, improved user privacy and data storage
- *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*
Recruited to FinTech Startup as Full-Stack Developer during gap year.
- Expanded AI chatbot capabilities, led front-end UI overhaul, database clean, and privacy rework
- Developed user authentication system and implemented over 10 APIs, including Slack and Alexa

CITI   **NEW YORK, NY**
D1 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*
Hired as recent high school graduate and invited back the following summer.
- *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