Aman Khalid

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EDUCATION

University of Michigan **2020–2023**
BS, Computer Science — GPA: 4.0 Ann Arbor, MI

University of California San Diego **2019–2020**
BS, Cognitive Science, Computer Science — GPA: 4.0 La Jolla, CA

SKILLS

- Languages: C++, C#, HTML/CSS, Java, JavaScript, Python
- Technologies: Bash, Bootstrap, Git, GNU/Linux, React
- Other: Data Structures, Object-Oriented Programming, UI Design, Public Speaking, Writing

WORK EXPERIENCE

Mechanical and AI Lab Intern **June 2020–Present**
Carnegie Mellon University Pittsburgh, PA

- Joined ManufacturingNet team to develop ML library for manufacturing professionals
- Designed, implemented and maintained project website (manufacturingnet.io) using Bootstrap
- Wrapped Scikit-Learn models with command-line interfaces in Python
- Co-authored paper and presented at NeurIPS 2020

Web Development Intern **June–July 2018**
Datica Minneapolis, MN

- Developed electronic medical record using React to demo product to potential clients
- Redesigned web interface for tracking progress on API development, increasing page performance and legibility
- Wrote API documentation to assist new customers with product implementation

Software Engineering Intern **June–July 2016**
Datica Minneapolis, MN

- Collaborated with REST API team within Agile workflow
- Built JSON parser to expedite patient information retrieval
- Implemented and conducted integration tests in C#

PROJECTS

Airborne

- Python data analysis tool for studying relationship between COVID-19 cases and air quality in the US
- Uses API data from The COVID Tracking Project and OpenAQ

Ivan | ivanmet.netlify.app

- Lightweight, web-based metronome and scale practice tool for string musicians
- Tracks number of scale repetitions using microphone

Personal Website | amanasifkhalid.github.io

- Sleek, minimalist website for showcasing background, projects, and hobbies