# **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