

Aman Khalid

Software Engineering Intern



Contact

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LinkedIn

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WWW

amanasifkhalid.github.io



Skills

Object-Oriented
Programming

User Interface Design

Web Development

Public Speaking

Writing

C++

HTML/CSS/JavaScript

Java

Python

Bash

Git

GNU/Linux



Work History

2020-06 -
Current

Mechanical and AI Lab Intern

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

2018-06 -
2018-07

Software Engineering Intern

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



Projects

Airborne (github.com/amanasifkhalid/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)

- Minimalist website for showcasing experience

**2020-08 -
Current**

Bachelor of Science: Computer Science

University Of Michigan - Ann Arbor, MI

- GPA: 4.0
- Member of LSA Honors Program

**2019-09 -
2020-06**

Bachelor of Science: Cognitive Science, Computer Science

University Of California - San Diego - La Jolla, CA

- GPA: 4.0
- Awarded Provost's Honors for Fall 2019, Winter 2020, and Spring 2020 quarters
- Served as assistant concertmaster of UC San Diego Chamber Orchestra
- Member of Symphonic Student Association