

Aman Khalid

Software Engineering Intern

Diligent computer science student familiar with program design and development. Extensive collaboration with developers and academics to draft and test programs for in-field rollout. Deep knowledge of C++/Java/Python, Git, and UNIX-based development environments to standardize and customize deployments. Passionate about user experience design, especially on the web.



Contact

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Skills

Object-Oriented

Programming

User Interface Design

Web Development

Communication

Public Speaking

Writing

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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

Web Development 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

2016-06 -

2016-07

Software Engineering Intern

Datica, Minneapolis, MN

- Implemented and conducted integration tests on code base using C#
- Built JSON parser to expedite patient information retrieval
- Closely collaborated with software development team in Agile workflow



Languages & Software

C++

HTML/CSS

Java

JavaScript

Python

Bash

Git

GNU/Linux



Education

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