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

Address
Gibsonia, PA, 15044

Phone
(412) 953-6696

E-mail
aakhalid@umich.edu

LinkedIn
linkedin.com/in/aman-khalid

WWW
amanasifkhalid.github.io

Skills

Object-Oriented Programming

User Interface Design

Web Development

Communication

Public Speaking

Writing

—

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, Information

University Of Michigan - Ann Arbor, MI

- Pursuing dual degree with Bachelor of Science in Information
- 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