

Harris Mahmood Khawar

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EDUCATION

Amherst College, Amherst MA

Aug 2017 - May 2021

Bachelor of Arts – *Computer Science & German*

Major GPA: 3.6/4.0

SKILLS

Current Stack: *MERN* (ES6), Bootstrap 4, Material-UI, AWS EC2, Python 3.8 – Github, VS Code, Photoshop

Familiar: Swift, C, Typescript – AngularJS, NextJS, Webpack, Heroku, MySQL

WORK EXPERIENCE

Associate Software Engineer, Cambridge Marketing Concepts, Inc

Aug 2021- Present

Full Stack Developer KPI Dashboard

- Currently leading a small team of developers building a management/analytics dashboard for the company.
- Solely designed and developed the company's website (incl. branding), established post-sale customer data feed for the compliance department, and set up a social media team of 3 by recruiting each individual.

Gregory S. Call Intern, Amherst College

June 2019 - Present

Research Assistant for German Studies HOD

- Maintained a database of over 60,000 documents using the web API, wrote shell scripts to organize data on college servers, created WordPress blogs and integrated online tools for student engagement

Software Engineer Intern, JPMorgan Chase & Co

May 2020

Virtual Experience

- Used JPMorgan Chase frameworks and tools to display data visually for traders.
- Established an interface with stock price data feed using *Perspective* (React Framework)

Student Volunteer, UNICEF Maldives

July 2018

Voluntary office work with MEMIS Team

- Shadowed the Maldives Education Management Information System (MEMIS) Team on a project (implementation of OpenEMIS) in liaison with the Ministry of Education of Maldives.
- Assisted with the design and implementation of a database using MySQL with Angular and PHP to collect, analyze, and report data from various schools and educational institutions.

PERSONAL PROJECTS

skoots – *A blockchain-based bike sharing platform*

Aug 2020

- Presented the idea of a decentralized bike sharing system for a master's course in University of Göttingen.
- Deployed an AngularJS webapp with heroku that allows users to create and mine transactions (unable to complete project due to lack of expertise in IoT devices and capital) (cp-skoots.herokuapp.com)

Consequences – *A collaborative writing game inspired by Exquisite Corpse*

Oct 2020

- Built a webapp (EJS, Bootstrap 4, ExpressJS, MongoDB) that allows users to anonymously write and contribute to short stories. (pp-consequences.herokuapp.com)

Job Rec. Engine – *A tool that uses machine learning to predict employment outcomes*

Dec 2020

- Collected data (job descriptions) by building a webscraper for Indeed.com and using LinkedIn's API
- Implemented different models using keras and scikit-learn to predict suitability by running natural language processing on collected job description data and the user's resume.

*iOS development & graphic designing projects and research publications at: harriskhawar.com

EXTRA-CURRICULARS

South Asian Student Association, Amherst College – *Outreach Chair*

January 2019 – May 2019

Equestrian, Amherst College – *Team Member*

September 2018 – May 2018

Club Soccer, Amherst College – *Team Member*

September 2017 – May 2018