

Ahmed Meky

732-788-9164 | meky.wr@gmail.com | Portfolio: AhmedMeky.com | GitHub: [AhmedMMeky](https://github.com/AhmedMMeky)

Skills

Languages: JavaScript: Proficient | Typescript: Proficient | Java: Proficient | HTML/CSS: Proficient | PHP: Prior Experience | SQL

Frameworks: Angular, React

Software: Git, Jira, WordPress, Sketch, Figma, Microsoft Visio, Microsoft Office

Other: UI/UX design, Angular Material Design, Bilingual, English, Arabic

EDUCATION

Pennsylvania State University, College of IST, University Park, PA

Expected: May 2022

Bachelor of Science, Human Centered Design and Development

GPA: 3.9

Relevant Courses: Programming for the Web, Engineering of Complex Software, Software Design

and Development, Design Principles, Data Structures and Algorithms in Java, Networking, Database and Data Management

PROFESSIONAL EXPERIENCE

Front End Software Engineer Intern, Penn State Software Engineering Department

May 2021 – Present

- Developed and tested a new internal email management system for workers to create, preview, and edit email templates using Angular, Typescript, and Cypress
- Created reusable components for navigation, file uploads, JSON parsing, and HTML rendering that is used across organization's projects
- Leveraged organization's existing theme library to generate components when possible

Teaching Assistant (Software Design & Development), Penn State College of IST

January 2021 – Present

- Taught foundations of programming and software design (data structures & algorithms, OOP) to 80+ students by leading office hours, guided tutorials, and lectures
- Used GitHub classroom to provide feedback and grading for hundreds of repositories

Freelance Web Developer

October 2019– December 2020

- Developed a social emotional learning website for the Flux Creative 2 months ahead of schedule (penandpals.com) by using WordPress, HTML, CSS, and JavaScript leading to a 24% increase in website traffic
- Developed a website for a realtor using Wix leading to an increase of clients by 32%

PROJECTS

Portfolio Website (ahmedmeky.com)

September 2021

- Used HTML/CSS + JavaScript to develop a portfolio website that links to 15+ completed projects
- Deployed website using AWS S3 bucket

Karaoke Web App (itskaraoketime.com)

September 2021

- Engineered a React JS web app that allows users to login with a Spotify account, search/play songs, and view lyrics
- Developed a robust backend to authenticate and target Spotify's Rest API using Express and JavaScript

Cryptocurrency Web App (kryptobyte.io)

August 2021

- Developed a React JS web app that displays live data of cryptocurrencies by making API calls to fetch and organize data from several of Coin Gecko's endpoints

LEADERSHIP & VOLUNTEERING

Penn State Muslim Student Association

Penn State University

Webmaster

May 2021 – Present

- Built a new website (pennstatemsa.org) to provide information on club events, board members, and contact streams
- Used CSS media queries and JavaScript to create a responsive, dynamic, and mobile-friendly website

Hack PSU

Penn State University

Workshop Lead

September 2020 – May 2021

- Taught GitHub, data structures, and algorithms to PSU students by leading a virtual workshop, leading to the understanding of common Git functionalities and data structures