

# Ahmed Meky

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## Skills

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

**Frameworks:** Angular, React, Bootstrap

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

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

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## EDUCATION

**Pennsylvania State University**, University Park, PA  
Bachelor of Science, Human Centered Design and Development

**Expected: May 2022**  
**GPA: 3.9**

**Rutgers University**, Computer Science (Transfer)

August 2019 – May 2020

**Relevant Courses:** **Programming for the Web**, Data Structures and Algorithms in Java, Database and Data Management, **Object Oriented Software Design and Development**

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## PROFESSIONAL EXPERIENCE

**Front End Engineering Intern**, Penn State

May 2021 – Present

- Designed and developed a new internal email management system using Angular & Typescript

**Freelance Web Developer**, The Flux Creative

October 2019– Present

- Built a new, scalable social emotional learning website for children & parents **2 months ahead of schedule** (penandpals.com) by implementing some **HTML, CSS and JavaScript** leading to a **24% increase in website traffic**
- Communicated with cross-functional teams ensuring user-centered requirements were being met, while breaking and rebuilding websites, leading to **fast-paced** progress

**Learning Assistant** (Object Oriented Development), Penn State

January 2021 – Present

- Taught foundations of programming (data structures & algorithms, OOP) to 40+ students by leading office hours and guided tutorials

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## PROJECTS & CERTIFICATIONS

**JP Morgan Software Engineering Virtual Experience Certification**

November 2020

- Explored **Node.js** to rebuild the data visualization feature for stock traders

**Team Software Design Project**

September 2020

- Led software design doc project for a group training system
- Researched requirements, executive overview, business case, stakeholders, and use case analysis of a group training system

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## LEADERSHIP & VOLUNTEERING

**Penn State Muslim Student Association**

Penn State University

**Webmaster**

May 2021 – Present

- Built a new website to manage MSA events, provide information about the club, and offer resources for students to donate to various charities

**Hack PSU**

Penn State University

**Workshop Lead**

September 2020 - Present

- Taught PSU students how to use **GitHub** by leading a virtual workshop, leading to the students knowing how to create a GitHub account, clone projects, commit, pull, and other Git functionalities
- Taught PSU students on **data structures & algorithms** by leading a virtual workshop, leading to the understanding of the tradeoffs in using each data structure, and how to implement each data structure

**VRHS Muslim Student Association**

Cedar Park, Texas

**Founder and President**

January 2018 – June 2019

- Created and **led** the first MSA in my school's district to run events for members of my community
- Led** refugee aid project by raising money to sponsor orphaned refugees