

Faris Abdelrahem

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EDUCATION

University of Central Florida

Orlando, FL

Bachelor of Computer Science

May 2027

- **Relevant Coursework:** Intro To C, Discrete Structures, Computer Organization, Computer Science I, Object Oriented Programming, Systems Software, Statistical Methods

PROFESSIONAL EXPERIENCE

Pronto Mowers

Remote

Script Developer

August 2024 – Present

- Developed Python script to automate importing, parsing, and insertion of daily CSV files from a partner's server to a local database, drastically reducing manual data entry.
- Connected to SFTP server daily through the Paramiko library, utilizing the timestamp metadata of each file to ensure the file is properly updated.
- Parsed over 200,000 lines of data per file, extracting the required fields for insertion into database.
- Automated over 30,000 entries per day into MySQL database, utilizing the MySQL connector library.
- Dockerized script files to ensure easy scheduling through batch files on Windows devices, enabling easy relocation of the script to other devices.

iDTech

Remote

Online Instructor

March 2024 – August 2024

- Directed lectures including Java, JavaScript, GDevelop, and Amazon Luna to classes of twelve, growing students' professional skills.
- Collaborated in check-ins with coworkers to improve existing curriculum, working together to identify weaknesses and bolster strengths.
- Prepared individualized syllabus for private lessons according to student level, helping students catch up when they fall behind, or push them forward when they find content easy.
- Evaluated student performance with assignments and projects, providing feedback to assist growth.

PROJECTS

Fair Share

Shellhacks

1st Place Best DEI Hack

September 2024

- Designed banking app with 3 other team members to help teach migrant families about the American banking system.
- Structured app in React Native, using JavaScript to develop and CSS to style the app.
- Synchronized front-end and back-end elements to deliver a seamless user experience, making a simple UI to prevent confusion.
- Collaborated with team members utilizing GitHub to develop different features simultaneously.

SKILLS

- **Programming:** C, Python, Java, JavaScript, React, Docker, Git, MySQL, HTML, CSS
- **Certifications:** Microsoft Office Specialist (Word, PowerPoint, Excel, Outlook), IC3 Digital Literacy