

Zak Elguindi

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EDUCATION

Columbia, SC	University of South Carolina	August 2021-May 2025
<ul style="list-style-type: none">• Major: Computer Information Systems B.S.E• Minor: Business Information Management• Programming Coursework: Data Structures & Algorithms, Database Systems, Web-Development• GPA: 3.96		

Skills

- **OOP:** Java, C++, Python, MySQL
- **Web Dev:** JavaScript, HTML, CSS
- **Additional Skills:** Git, Scrum, Agile, AI/ML

Experiences

Software Engineer Intern	Cencora	Summer 2024
<ul style="list-style-type: none">• Engineered Python programs leveraging Azure OpenAI models to streamline operations across multiple business units• Acquired and applied new technical skills to diverse projects, conducting extensive experimentation with various libraries and applications• Collaborated in an agile environment to innovate AI/ML solutions, enhancing productivity and efficiency in previously untapped business units.		

IT Intern	Cencora	Fall 2023
<ul style="list-style-type: none">• Accelerated project efficiency by aligning the financial, business, and IT teams through effective communication, budgeting, and synthesis of the business goals to IT implementations• Improved stakeholder awareness through proactive workflow documentation of key meetings• Increased efficiency in outsourcing projects by identifying vendors through research initiatives and analyzing their return on investment		

Software Engineering, TA	University of South Carolina	Fall 2023
<ul style="list-style-type: none">• Aided in teaching software design, design patterns, source control, and testing, strengthening students' software development capabilities• Orchestrated agile scrum sessions, teaching students fundamental software development principles to enhance their comprehension of software design and implementation• Supported students in mastering Object-Oriented and Functional Design techniques		

Projects

Java Camp Application	Fall 2022
<ul style="list-style-type: none">• Collaborated in a team of four collaboratively on a large-scale project using git, collecting requirements from a faux client• Architected a software solution making a UML class diagram, implementing multiple Design patterns, and directing unit tests utilizing J-Unit	