

John R. Lopez

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EDUCATION

Bachelor of Science, Computer Engineering, May 2024

Business Foundations Certificate Program

The University of Texas at Austin

Overall GPA: 2.98/4.00 Major GPA: 3.10/4.00

WORK EXPERIENCE

Software Intern, FinTech, Inc. (Hybrid Work), Jun. 2023 – Aug. 2023

- Developed module to integrate web authentication in B2C identity and access management platform
- Enhanced skills in Java, JavaScript, J Unit, Spring, Oracle
- Collaborated with team of 12 to move new software feature to production and monitor production issues
- Strengthened communication skills from virtual meetings with individual contributors and managers

Engineering Co-op (Two Terms), Mitchell Company, Jun. 2022 – Dec. 2022

- Developed database to monitor production processes, improving troubleshooting response time by 25%
- Created tool with Python to search and pull 10K details on commercial equipment for sales team
- Designed presentations and infographics for supervisor's client meetings
- Collaborated with co-workers on technical projects, strengthening team skills

Crew Member, Panera Bread, May 2021 – Aug. 2021

- Improved interpersonal and communication skills through working with 100+ customers daily
- Performed kitchen duties and handled cashier funds

ACADEMIC PROJECT

Notes Web Application (Senior Design), The University of Texas at Austin, Aug. 2023 – Dec. 2023

- Develop a full-stack CRUD web app using Python and Flask that allows users to easily create, edit, and store notes
- Design RESTful backend server to enable users and notes to be stored to cloud database
- Utilize Bootstrap to create a mobile-first UI and implemented TinyMCE library for multimedia support
- Implement protection with HSTS/CPS protocols and SHA256 session encryption

SKILLS

Computer proficiency: Python, Java, JavaScript, C, C++, J Unit, Spring, Oracle database, SQL, .NET, Bootstrap

Strong team and interpersonal skills

Con conversationally fluent in Spanish

ACCOMPLISHMENTS

Active Member, Institute of Electrical and Electronic Engineers (IEEE), 2017 – Present

Active Member, Society of Hispanic Professional Engineers (SHPE), 2017 – Present

Volunteer: Habitat for Humanity, Meals on Wheels, Explore UT