Dominic Galiano

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EDUCATION

The University of Texas at Austin, Austin, TX   May 2023
Bachelor of Science, Chemical Engineering, GPA 4.00
- Elements of Computing Certificate
- **Relevant Coursework:** Elements of Mobile Computing, Networking, and Software Design

TECHNICAL SKILLS

- Proficient in Python, Swift, C, Data Structures and Algorithms, Pandas
- Familiar with Javascript, SQL, Django, NodeJS, Flask, HTML, CSS + Bootstrap, Beautiful Soup, AJAX
- Additional experience using MATLAB, PI Vision, SCADA, Aspen HYSYS, Excel, JMP

EXPERIENCE

Samsung Austin Semiconductor, Austin, TX   May 2022 - August 2022
Process Engineering Intern
- Developed Django web app to monitor and display real-time manufacturing conditions, resulting in a 10x daily task time reduction for 7 engineers
- Created efficient python backend for web app utilizing Samsung internal cloud databases and Pandas
- Collaborated with process engineers to build an exhaustive digital knowledge base using Confluence for new engineers, technicians, and management in preparation for workforce expansion

Air Liquide, El Segundo, CA   June 2021 - August 2021
Plant Operations Engineering Intern
- Designed and oversaw implementation of a critical emergency MOC (management of change) to allow altered hot start-up procedures in the aftermath of compressor damage
- Managed implementation of parallel fuel strainer and that reduced planned outage rate sixfold

Arrow Glass Industries, San Antonio, TX   May 2020 - August 2020
Site Technician
- Served as first line of communication while managing projects with a total value exceeding $300k
- Streamlined pre-production process by establishing more efficient data entry and scheduling methods

McKetta Department of Chemical Engineering, Austin, TX   January 2020 - December 2021
Tutor and Grader

PROJECTS

- **Online Marketplace Web Scraping Bot:** Developed a web scraping bot using Python and Beautiful Soup to automate online marketplace searches and product tracking

LEADERSHIP & COMMUNITY INVOLVEMENT

Theta Tau Professional Engineering Fraternity, Austin, TX   May 2020 - May 2022
Treasurer
- Established yearly budget in coordination with chapter officers and committee heads
- Maintained accurate records of chapter finances using GnuCash, an open-source accounting software
- Managed chapter bill payment, dues collection, and investments

Head of Professional Development
- Established weekly alumni presentations and biannual alumni panels at chapter meetings
- Expanded the chapter's resume review and mock interview resources