# ALEX GOBERT

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## EDUCATION

**Bachelor of Science, Mechanical Engineering, Graduation May 2023**
**Certificate, Elements of Computing, Graduation May 2023**
The University of Texas at Austin
Overall GPA: 3.7899

**Relevant Coursework:** Engineering Computational Programming, Engineering Communications, Mechatronics, Machine Elements, Elements of Software Design, Elements of Software Engineering, Elements of Mobile Computing, Elements of Web Programming, Elements of Databases, Engineering Design Methodology

## WORK EXPERIENCE

**OneStart Mechanical Engineer — SLB OneSubsea**                                   **09/2023 – 09/2024**
- Learn and use Autodesk programs to draft engineering designs for subsea production systems
- Rotate through and gain experience in OneSubsea product groups: Landing Strings, Wellheads, Trees, Manifolds, and Connectors
- Support multimillion-dollar subsea production projects for global energy companies around the world

**Student Extern — Enterprise Data Engineering & Analytics, MD Anderson Cancer Center**     **03/2023 - 09/2023**
- Converted Tableau dashboards to Power BI to minimize licensing costs & phase out legacy software
- Leveraged Power BI gateways and dataflows to interface with SQL Server in controlled, regulated manner

**Summer Engineering Aide, Texas Department of Transportation**                     **05/2022 - 08/2022**
- Aided the Portfolio Production office in computer-aided drafting of active Texas roadways
- Assisted Professional Engineers (PE) with roadway design and plan development
- Implemented an improved, DocuSign-based plan set signing procedure
- Communicated with PE's, Engineering Assistants (EA), and other project staff proactively and effectively
- Became the Portfolio Production software expert, taught coworkers shortcuts and streamlined workflows

## SKILLS & CERTIFICATIONS

- Certificate in Crash Course on Python (Coursera, ID #85CPYJXYY36V)
- **Concepts:** XP, OOP, Agile, Scrum, RESTful APIs, RDBMS
- **Languages:** Python, Swift, Java, HTML, CSS (Native & Bootstrap), JavaScript, TypeScript, JSON, XML, C++ (Arduino), DAX, VBA
- **Programs:** Slack, Git, XCode, Make, Docker, GCP, mySQL, PostgreSQL, SQLAlchemy, Flask, ReactJS, Tableau, Power BI, NextJS, Firebase
- **Engineering Programs:** MATLAB, Adobe CC, Google Earth, MicroStation, ProjectWise, SolidWorks, Autodesk Suite, SAP
- Formerly certified in Microsoft Word, Excel, and PowerPoint

## ACCOMPLISHMENTS & EXTRACURRICULARS

- Secretary of UVSA South, 2023-Present
- UNAVSA IT Committee, 2023-2024
- Logistics Director of UVSA South's Leadership Summit XI, 2022-2023
- Audio-Visual Committee of UNAVSA's 18th Annual Leadership Conference, 2022-2023
- Logistics Committee of UVSA South's Camp Legacy 7, 2022-2022
- Cabinet Chairholder of UVSA South's Council of Regional Representatives (CoRR), 2021-2022
- Tech Coordinator of UVSA South's Culture Show Vol. 3, 2021-2022
- Vice President External of Vietnamese Student Association (VSA), 2020-2021
- Member of the American Society of the Mechanical Engineers (ASME), 2019-2020