

Dillon J. Gentry

409-549-2881 | <https://www.dillonjgentry.com/> | djg81999@gmail.com

OBJECTIVE: Full-time position in software development.

EDUCATION

Bachelor of Science | Electrical and Computer Engineering | 05/2021

Technical Core: Software Engineering and Design

School: The University of Texas at Austin

Cumulative GPA: 3.5

WORK EXPERIENCE

Software Engineer I | Dell Technologies | 02/2022 – Present

- Integrating several APIs containing thousands of records with a React frontend application
- Implementing the micro frontend architecture by isolating components into MFEs and using Webpack
- Working on a team that requires user interfaces to be built from scratch since there is no preexisting frontend
- Upholding Dell Design System standards by adhering to wireframes and working closely with UX resources
- Participating in user feedback meetings and modifying built components to best suit the needs of the user

IT ICS Business Analyst Intern | Phillips 66 | 05/2019 – 08/2019

- Worked as a member of the IT SCADA, ICS, and Controls team at Phillips 66 HQ in Houston, Texas
- Established a strong grasp of industrial control systems and their operations in refineries
- Used the NIST cybersecurity framework to verify the integrity of ICS security audits
- Consistently met with several business sectors to gain new perspectives and reach business solutions

ACADEMIC PROJECTS

Internet Database Project | Software Design Lab | 08/2020 – 12/2020

- Worked on a full stack team developing an internet database website to manage hundreds of data entries
- Website deployed using GCP, built using Flask, and stored data from various APIs using MongoDB
- Utilized the Agile development methodology to accomplish the project in sprints

NOKIA Automatic Time Series Forecasting Project | Senior Design | 08/2020 – 05/2021

- Worked on a team to automatically perform time series forecasting on datasets using Python and React
- Created a UI and backend API that communicate using GET and POST requests to display forecasts to the user

SKILLS

Proficient in JavaScript, HTML, and CSS

Familiar with Python, Java, and C/C++/C# programming languages

Experience working with web development tools such as Webpack, Flask, React, Redux, GCP, and AWS

Experience using Git, GDB, the Linux shell, and MongoDB

Strong interpersonal and communication skills

Culturally competent and experienced with working in a diverse environment