Dillon J. Gentry

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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

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

Resident Assistant | University Housing and Dining | 08/2018 – Present
- Work on a large, culturally diverse staff while developing strong teambuilding skills
- Develop time management by balancing 20 hours a week of RA duties with a fulltime course load

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

Auction House Project | Software Design and Implementation II | 01/2020 – 05/2020
- Utilized Java socket programming to develop a client and server relationship resembling an auction house
- Supported several clients placing bids on auction items through a JavaFX GUI that interacts with the server

SKILLS

Proficient in Python, JavaScript, HTML/CSS, Java, and C/C++ programming languages
Experience working with web development tools such as Bootstrap 4, Flask, ReactJS, GCP, and AWS
Experience using unittest and Selenium for testing, Git, GDB, the Linux shell, and MongoDB
Strong interpersonal and communication skills
Culturally competent and experienced with working in a diverse environment

ACCOMPLISHMENTS

Senator, Resident Assistant Association, 08/2018 – 05/2019