

# Dillon J. Gentry

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dillon.gentry@utexas.edu

**OBJECTIVE:** Full-time position in software development

## EDUCATION

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

Technical Core: Software Engineering and Design

School: The University of Texas at Austin

Cumulative GPA: 3.4986

## WORK EXPERIENCE

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### **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

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### **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
- Used several APIs to gather data for the user as well as MongoDB for holding data
- Utilized the Agile development methodology to accomplish the project in sprints

### **NOKIA Automatic Time Series Forecasting Project | Senior Design | 08/2020 – Present**

- Work on a team to automatically perform time series forecasting on a given dataset using Python and ReactJS
- Create a UI and backend API that communicate with 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

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Proficient in Python, JavaScript, HTML/CSS, Java, and C/C++ programming languages

Experience working with web development tools such as Bootstrap 4, Flask, ReactJS, and the Google App Engine

Experience using tools such as Git, GDB, the Linux shell, and MongoDB

Strong interpersonal and communication skills

Culturally competent and experienced in working in a diverse environment

## ACCOMPLISHMENTS

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