

Patrick Williams

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I am a current computer science student that has a strong desire to expand their knowledge in technology, software engineering, and development. Through academics, I have 2 years of experience in programming and have introductory knowledge of object-oriented programming concepts. I have a passion for learning anything and everything software development related.

EXPERIENCE

AUG '21 – PRESENT

BUSINESS & TECHNOLOGY SPECIALIST, TRI-COUNTY ELECTRIC COOPERATIVE

Review and own all IVR out-dialer functions, all member email contact regarding notifications, all member-owner accounts designated as Priority 1/Medical, all member-owner accounts designated as deceased. Designed the deceased member's process. Utilized Tableau to build reports. Drafted responses to PUC complaints, designed and owned the PUC response process. Assisted Engineering in processing applications for member-side solar generation. Occasionally assisted GIS in posting work orders.

JUN '21 – AUG '21

GIS INTERN, TRI-COUNTY ELECTRIC COOPERATIVE

Posted map edits/work orders to SDE, including residential, small/large commercial, and other various work order types. Verified accuracy of information in GIS database regarding equipment.

EDUCATION

JUL '23 - PRESENT

BS, COMPUTER SCIENCE, UNIVERSITY OF TEXAS AT ARLINGTON

GPA: 4.0. Took classes in introductory data structures and algorithms, programming, and was exposed to object-oriented programming.

JUN '21 – AUG '23

AS, GENERAL ENGINEERING, TARRANT COUNTY COLLEGE

GPA: 3.4. Attended TCC with the intention of transferring to the University of Texas in Arlington to study for a BS in Computer Science. I had primarily been involved with TCC Student Government as a Senator at Large.

AUG '19 – MAY '20

NO DEGREE, PURDUE UNIVERSITY – WEST LAFAYETTE

Starting my academic career at Purdue University as a First-Year Engineering student, I was heavily involved with various engineering and political discourse clubs. I had taken a year away once the COVID-19 pandemic had begun and had moved to Texas for the internship with TCEC.

SKILLS

- Experience with C++, Java, JavaScript, HTML5, and CSS
- Exposure to Bootstrap, jQuery, and React
- Exposure to agile methodologies and project management
- Experience with Tableau
- Flourishes through teamwork and communication
- Performs well under pressure
- Detail-oriented, while still being able to manage multiple responsibilities
- Strong analytical skills, including working with large amounts of data
- Impressive ability to learn on the fly and apply new knowledge quickly

CERTIFICATIONS

- CSR/Cashier Silver Subject Matter Expert, issued from Meridian Cooperative.
- Responsive Web Design, issued from freeCodeCamp
- JavaScript Data Structures and Algorithms, issued from freeCodeCamp

VOLUNTEERING

- Volunteering: Habitat for Humanity, assisted in various projects that aimed to provide people with homes.
- Volunteering: Texas Stream Team, assisted in monitoring local water bodies, performing various chemical tests, and reporting the data back.