

John D. Powell

Houston, TX

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EDUCATION

Texas A&M University- College Station, TX

Expected graduation December 2024

Bachelor of Science, Computer Science

- Engineering Honors Student; GPA: 4.0

EXPERIENCE

H.E.B.- San Antonio, TX / Virtual

May 2022–July 2022

Intern - Software Engineer

- Created an Advertisement Board from scratch for H.E.B. pharmacies using Angular, Java Spring Boot, and Docker/Kubernetes
- Deployed to nonprod with future production deployment to over 300 H.E.B. stores across Texas

Texas A&M University- College Station, TX

August 2021–December 2021

Student Technician - IT

- Served the Mechanical Engineering IT office for administrative and technical support

Vetty- Virtual

May 2021–August 2021

Intern - Backend Developer

- Developed a custom API endpoint that sends over 3,000 daily notifications (SMS, email, etc.) to Vetty's clients using Python's FastAPI and Courier API
- Worked with MongoDB collections, as well as deployed changes to staging & production via Git

NASA High School Aerospace Scholars (HAS)- Virtual

November 2019–August 2020

- Explored STEM possibilities under a NASA education program
- Collaborated with teams in a gamified experience to design a human-sustainable mission to Mars

LEADERSHIP EXPERIENCE

Aggie Coding Club

September 2022–December 2022

Project Manager

- Formulated an idea for AgTern, a service that finds students relevant internships from the web
- Led a project of ~5 students from start to finish using Agile methodologies to deliver a full-stack product to the cloud in eight school weeks

Boy Scouts of America

July 2014–August 2019

Eagle Scout

- Attained Eagle Scout Rank and organized an Eagle Scout Project repairing a hiking trail bridge

Senior Patrol Leader

- Led over 30 scouts and executed over 20 troop plans, including campouts, community service opportunities, and Hurricane Harvey disaster relief

SKILLS

- Computer Languages: Python (8/10), C/C++ (7/10), TypeScript (7/10), Java (6/10)
- Proficient in Git version control
- Personal projects include Universally Unique Identifier (UUID) library (C++), tsk (CLI task manager) - deployed to PyPi (tsk-official) (Python), BallDrop (simple Newtonian physics engine) (Python)

AWARDS / ACHIEVEMENTS

High School

- National Honor Society, AP Scholar with Distinction; top 6% of graduating class
- Received peer-voted Todd Maddox Award for outstanding moral conduct

Michael G. Ogden Scholarship