

Shane Poldervaart

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Education:

Texas A&M Senior, Computer Science Honors with a current GPA of 3.78

Expected Graduation: May 2021

Bachelor of Science in Computer Science, Minors in Statistics, Cybersecurity

Relevant Classes:

Graduate Software Engineering • Computer and Network Security • Machine Learning
• Intro to Linear Models • Statistics 2 • Design and Analysis of Algorithms • Intro to
Computer Systems • Programming Studio • Honors Computer Organization •
Programming Languages • Honors Data Structures and Algorithms • Linear Algebra

Programming:

Languages:

Advanced: Java • C++ • Angular 8 • HTML • Typescript • C#

Familiar: CSS • Python • SQL • Assembly • Haskell • MATLAB • LabView

Tools and Technologies:

Entity Framework • Node • Git • Azure Dev Ops • Microsoft SQL Server Management 2017

Work Experience:

Ethos Group Software Development Intern, June 2, 2019 - Current Part Time:

2019:

- Worked in an Agile development cycle to help redesign pages to fit modern styles and attain more in-depth functionality updating from Angular 2 to Angular 7; ultimately allowing stakeholders to increase efficiency and future development updates to be easier.

2020:

- Designed in unison with the CTO to create a framework agnostic web component library to enable future technological pivots utilizing atomic design, storybook, and stencil.
- Worked on a digital finance and insurance menu based on NgRx in angular 8 in order to maintain a single source of truth across a large single page application allowing for more flexible sales strategies.

Projects:

- Animation in Stress Learning (Spring 2020): Worked in a 6-person team to create web animations for student learning in biology emphasizing agile workflow, unit testing, and communication with the stakeholders ultimately allowing students to better be able to learn from home during a pandemic. <https://github.com/cwrothrock/Animations-in-Stress-Learning-Content>
- Project Endeavr (Spring 2020): Multidisciplinary Project through A&M's Endeavr program <http://endeavr.city/> in which we worked to help plan Nolanville Texas to be a Smart City. Our computer science application was accomplished by training a deep neural network to identify and categorize pedestrians, cyclists, and motor vehicles in Nolanville streets to compile data analytics for other disciplines to use in their decision-making process such as optimal places to place bus stops, plan new sidewalks, and later evaluate the results of these proposals. https://github.com/PoldervaartS/Endeavr_Bravos

Accolades & Curriculars:

- President of Texas A&M Rocket League (250 members) - As president I coordinate weekly tournaments with 20+ attendees, find and disseminate information about information hosted by other organization on a national level to students, manage the general community and competitive teams and finally compete myself organizing practice times with other colleges and communities.
- Developer for the College Carball Association (3,000 members) – Assisted in full stack development to manage member information and production streams to 15 thousand viewers.