Dylan Theriot

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EDUCATION

Texas A&M University, College Station, TX
Aug. 2018 – May 2022
- B.S. in Computer Science Honors, Minor in Cybersecurity, 4.0 GPA

WORK EXPERIENCE

Texas A&M University – *Undergraduate Research Assistant*
Feb. 2020 – Present
- Developing static analysis methods for detecting race conditions in OpenMP Fortran code with an 80% success rate
- Researching Fortran automated parallelization optimization methods to increase runtime speeds by up to 70%

Chick-fil-A – *Software Engineer Intern*
June 2020 – July 2020
- Aggregated ~10,000 data points for centralized storage and data retrieval through API Gateway and DynamoDB
- Prototyped a mobile app in Flutter showing restaurant devices and MQTT history proving app viability for Operators

Heavy Construction Systems Specialists – *Software Development Intern*
May 2019 – Aug. 2019
- Developed activity reports, sub tiers, dashboard models, popup modals, APIs, and unit tests in production w/ C#.NET
- Migrated Credentials web app to an annual billing model resulting in over seven product payment standardizations
- Integrated two new products for purchase to the HCSS software suite that have been bought by over 500 customers

PROJECTS

You Customize It
May 2020 – Present
- Spearheading the front-end development of a T-shirt designing and ordering website with React and TailwindCSS
- Pioneering a new custom T-shirt design tool that improved design page latency by 60%

Braille-iant, TAMUmake 2020
- Custom built braille printer integrated with a web app to create personalized letters to be printed in braille
- Built the front-end design and web application UI/UX with Python/Flask, Bootstrap, HTML/CSS/JavaScript

LEADERSHIP

TAMUhack – *Director*
March 2020 – Present
- Programming the live site and event information website for our hackathons used by 300+ hackers
- Hosting two hackathons a year - one of which is the largest MLH hackathon in Texas with over 750 participants

Student Engineers' Council – *Systems Administration Chair*
Feb. 2020 – Present
- Leading a team of 14 with agile practices on 5 projects to develop 10 websites utilized by SEC
- Developing the registration system and website for the largest student run career fair in Texas (450+ companies)
- Promoting engineering in the Bryan/College Station community and serving over 15,000 engineering students

Chillennium Game Jam – *Digital Media and Website Chair*
Jan. 2019 – Present
- Developed the main website, team assignment, email automation, and other digital services utilized by 400+ users
- Organizing the largest, annual, student run game jam in North America with 15+ sponsors and 400+ hackers

AWARDS

Winner of **8 hackathons**, including**:**
- 1st, Best Mobile App by Credera, Most Impact by PwC @ TAMUhack 2020 ($1500 Prize)
- 1st, Best Accessibility Hack @ TAMUmake 2020 ($500 Prize)
- 3rd, Best Hack by National Geographic @ EarthxHack 2020 ($7000 Prize)
- 3rd @ Brother Hackathon 2020 ($500 Prize)
- 3rd @ T-Mobile Hackathon 2019 ($1000 Prize)

SKILLS

- Python, C++, React.js, TailwindCSS, Flutter/Dart, HTML/CSS/JavaScript, Flask, SQL
- Amazon Web Services, Google Cloud Platform, Heroku, MongoDB, Firebase, Node.js, Docker