Julian Stephens

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Education

Georgia Institute of Technology — Atlanta, GA   May 2021
Bachelors of Science in Computer Science, Minor in Psychology

Experience

NBCUniversal (Cyber Security Business Engagement Team) — New York, NY
Media Tech Associate   Mar 2021 – Present

- Facilitate engagements between businesses who require cybersecurity approval and security engineers.
- Provide initial evaluation of the relevant project(s)' security posture to facilitate review process.
- Oversee the business's completion of any remediations specified by security engineers

NBCUniversal (Telemundo) — Miami, FL
Media Tech Associate   Jul 2021 – Mar 2022

- Completed UX redesign of web application to optimize simplicity, flexibility, and responsive design.
- Implemented update of existing application to redesigned version.
- Implemented new resource scheduling dashboard to manage equipment, facility usage, and employee scheduling.
- Tech Stack: Figma, NodeJS, Angular/Typescript, Microsoft SQL Server, Docker, AWS, GH Actions

Nead Werx — Atlanta, GA
Front-End Intern   Aug 2018 – Dec 2018

- Updated and revamped existing components for redesigned Merchandising ERP Solution.
- Took concepts from ideation through wireframing, high-fidelity mockups, and front-end implementation.
- Tech Stack: Figma, Adobe Illustrator, Vanilla Javascript

GE Aviation (Avionica) — Miami, FL
Software Engineering Intern   May 2018 – Aug 2018

- Redesigned and built customer-facing system for monitoring data recording devices during flight.
- Fullstack MVC development utilizing Python Flask & MySQL.

Projects

Southface Equity Evaluator — *Group Project (Team Leader)*   Fullstack Web Dev

- Converted an Excel workbook into a fullstack Laravel web application as part of GT Junior Design course.
- Went through full product development process front initial client request discovery to production.
- *My responsibilities:* UX designer, lead developer, customer engagement lead
- Tech Stack: Figma, Laravel(PHP), MySQL, Vagrant

Goodreads Recommendation System — *Individual*   Machine Learning

- Implemented book recommendation tool using matrix factorization method described in the paper below.
- Y. Koren, R. Bell and C. Volinsky, "Matrix Factorization Techniques for Recommender Systems," in Computer, vol. 42, no. 8, pp. 30-37, Aug. 2009, doi: 10.1109/MC.2009.263.

Additional Work

- See https://github.com/julianstephens for source code and other projects.

Awards

Awarded Michael J Edwards Award for Excellence 2021
Awarded Dean's List for Fall 2017, Spring 2019, Fall 2019, Spring 2020, Fall 2020
Awarded Member Services Student Employee of the Year 2019
Awarded Best AI/Machine Learning Hack at Pearl Hacks 2018