Christian Cook, Software Engineer

Richmond, VA, United States, 571-574-3662, christiancook52@gmail.com

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PROFILE

- Motivated to pursue a career of learning and excellence in design and engineering.
- Eager to learn from those with more experience and collaborate on complex problems that push growth.
- Known for developing highly modular software components and bespoke developer tools to increase team productivity and code readability.
- Able to quickly prototype systems to gain design insight before committing to long-term implementations.
- Curious about incorporating cutting-edge technologies into new and existing products.

EMPLOYMENT HISTORY

Aug 2024 — Present

Application Developer, Bart & Associates
McLean, VA

- Lead modernization of Angular front end applications to build a streamlined and performant user experience.
  - Upgraded legacy Angular 4 application to Angular 20.
  - Modernized user interface designs with Angular Materials.
- Partnered with experienced developers to solve complex problems and learn from their wisdom.
  - Engaged in collaborative programming with several developers to debug issues with external API's and learned superior methods for handling them.
- Developed a well-rounded understanding of the software life cycle, expanding my expertise in back end technologies and DevOps pipelines.
  - Learned and executed development of deployment pipelines with both Jenkins and Harness.

Jun 2021 — Aug 2024

Application Developer, Linkware Group
Tysons, VA

- Collaborated with senior developers to build a variety of web applications.
  - Engaged in pair programming and design discussions to solve engineering problems.
- Cultivated skills in a variety of technologies and frameworks including Angular and Spring Boot.
  - Areas of expertise include TypeScript, reactive forms, and asynchronous development with RxJS.
- Pursued growth into a full-stack role while building a specialization on front-end technologies.
  - Initiated interest in back-end development in Java and database modeling with PostgreSQL.
- Implemented custom developer tools and systems for increasing developer productivity by 30%.
  - Built developer tooling for defining custom validation logic on reactive form fields.

SKILLS

TypeScript	C#
Java	UI/UX Design
HTML/CSS	Git

PROJECTS

May 2025 — Jun 2025

The Subtle Art of Giving a Duck

- Multiplayer collaborative platforming game about trading movement abilities to navigate an environment designed to facilitate users working together

Oct 2024 — Jul 2025

Pick Your Poison

- Strategy game designed to provide users with a thrilling experience balancing strategic decision making and random chance

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EDUCATION

Aug 2017 — Jun 2021

Bachelor of Arts, University of Virginia
Charlottesville, VA

- B.A. in Computer Science with a focus on Game Design, Computer Graphics, and Computational Geometry