Christian Scarlett

58 Manchester Rd, Brookline, MA 02139 | 605-290-8243 | cjscar@mit.edu | www.christianscarlett.com

Education

Massachusetts Institute of Technology - Cambridge, MA - Computer Science & Electrical Engineering
Aug. 2018 - Present | GPA: 4.9

Experience

AT&T - El Segundo, CA - Software Engineering Intern (AT&T Consumer)
June 2020 - Aug. 2020
- Updated, maintained, and tested REST endpoint microservices handling data flow for hundreds of tv guide schedules and thousands of shows per day for products such as AT&T TV (Java)
- Prevented propagation of user error and streamlined developer workflows by creating a UI widget for configuring guide schedules based on JSON schema (JS, Polymer)

GigFinesse - New York, NY - Software Engineering Extern
Jan. 2020
- Designed, implemented, and tested tools for matching artists with gig dates and venues for a NYC-based startup (Python, Django)
- Integrated Stripe payments for subscription and one-time payment billing and payouts (Python, Flask)

Milwaukee Electric Tool Corporation - Brookfield, WI - Software/Electrical Engineering Intern
Jan. 2019, June 2019 - Aug. 2019
- Wrote proof-of-concept groundwork firmware for an IoT SiP with GPS and LTE (C++)
- Created a PC application allowing engineers to interface with tools over Bluetooth and USB (Python)

Projects

SwipeMeIn.github.io
- Ideated and built website facilitating meal plan sharing between students (React.js, Firebase)

Keeping Up With the Colors
- Designed electronics and software on a microcontroller platform for an interactive color-matching children's toy on a team of six (C++)

6.08-Bike
- Wrote location-tracking software on the embedded system for a biking social media website (C++)

Skills

Advanced: Python, Javascript, Java, React.js, Polymer, Git, OOP, Data Structures
Proficient: C++, Django, Firebase, SQL, HTML, CSS, Embedded Systems

Activities

MIT Music Production Collaborative - Social Coordinator
- Ideate, plan, and run events facilitating the collaboration and learning of music making.

6.08 Interconnected Embedded Systems - Learning Assistant
- Helped develop labs and staffed lab hours to teach embedded systems concepts, including microcontrollers, signal processing, battery management, HTTP, and more.

6.009 Fundamentals of Programming - Learning Assistant
- Developed labs and staffed office hours to aid others' learning of programming fundamentals including object-oriented concepts, interfaces, modularity, and efficiency.