Davin Lawrence

Austin, TX 78750 // 512.814.7436 // davin.lawrence@utexas.edu // https://hire.davinlawrence.com

EDUCATION

University of Texas, Austin — *BS/MS Computer Science,* Graduation May 2024
Current Computer Science student pursuing Bachelor and Master's Degree. Data Structures, Computer Organization and Architecture, Compilers, Operating Systems. Neural Networks, Algorithms, Robot Learning, Program Synthesis. Autonomous Driving and Perception Current UT GPA: 3.75

Austin Community College, Austin — *AAS Computer Science*   Jun 2018 - May 2020
Honors Student. Instructed in Python, C++, Data Structures, System Architecture, Overall GPA: 3.81.

EXPERIENCE

Silicon Labs, Austin, TX — *QA Intern* May 2022 - October 2022
- Partial Emulation of embedded devices with Memory forwarding under Avatar2 and Qemu
- Performance testing of embedded devices under cryptographic workloads

Texas Inventionworks, Austin, TX — *Digital Infrastructure Lead* Jun 2021 - Current
- Lead developer of Web App to manage Cockrell School of Engineering's maker space.
- Complete redesign of existing app in Material UI and React.
- Manage deployment and securing of AWS Amplify server stack.

Smartish, Austin, TX — Process Automation   Jun 2020 - Dec 2020
- Created a blend of selenium web-scraping, API development, and VBA scripts to automate and centralize sales reporting.
- Designed Postgres database using the SQLAlchemy Python library to centralize company sales data on AWS Aurora.

Austin Community College, Austin, TX — *CIS Tutor*   Mar 2019 - May 2020
- Created and maintained online tutoring portal to continue tutoring services through the novel coronavirus pandemic.
- Tutored Students in basic programming skills, data structures, Linux, Javascript, SQL, HTML, and CSS.

SecondBrain, Austin, TX — *DevOps*   Dec 2016 - May 2018
- Techstars Music Alumni 2018. Technical lead responsible for designing, developing, and maintaining backend systems for deep learning NLP.
- Deployed and maintained private Gitlab server for company use. Responsible for enforcing git practices and coordination between frontend and backend developers.

SUMMARY OF TECHNICAL SKILLS

Programming Languages: Python, C, C++, CSS, Javascript, Java
Software Engineering: Agile Development, Linux, Docker, Git, Make,, AWS, Teensy/Arduino, Pandas, NumPy, Matplotlib, Vega Visualization, YACC, ROS