Patrick Smith

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Education

University of Connecticut, Storrs, CT
Bachelor of Science in Engineering, May 2019
Major in Computer Science and Engineering; Minor in Mathematics; Cumulative GPA: 3.45

Technical Skills

Application/ Functional Programming: C/C++, Java/Android, Python, MIPS, MATLAB, SCHEME, Haskell, SML
Web Programming: HTML5, CSS, Javascript, React/Next.js, Vue.js, Markdown
Hardware: Extensive knowledge of PC hardware in regards to building/repairing a PC
Other: MySQL, PowerShell, Batch/Bash, Git/GitHub/Bitbucket, Vim/Emacs, Jetbrains Products, Windows, Linux, MacOS

Experience

UCONN INFORMATION TECHNOLOGY SERVICES, STORRS, CT
Support Specialist Lead, May 2016 - Present

- Re-image and set up computers for faculty members to maintain/improve faculty productivity
- Developed and maintain an Electron GUI application using Javascript, HTML, CSS, Vue.js, PowerShell, and Batch to automate computer setup process to use time more effectively and minimize errors
- Troubleshoot software and hardware-related problems to reduce computer downtime
- Encrypt hard drives on faculty computers to protect important data from malicious sources

TARGET CORPORATION, WINDSOR, CT
Cashier & Guest Services, July 2016 - June 2018

- Serve guests with returns and pay bills quickly and efficiently to improve customer satisfaction
- Defect and organize carts of various products by type to improve supply-chain-management
- Confirm and distribute online orders quickly to improve high-speed retail and in-store traffic flow

Relevant Projects

SENIOR DESIGN PROJECT, STORRS, CT
Web application/server for The Jackson Laboratory, August 2018 - Present

- Currently developing a web application and server for Jackson Lab's tool to detect Copy Number Variations (CNVs) which can be matched to mental illnesses, developmental disorders, and cancer to improve research

HACKATHON NATIONAL CODING EVENT, STORRS, CT
Find and solve present-day problems involving sports and games within 24 hours, March 2018

- Developed an Android application in a group of three to promote recycling at sports venues

TETRIS AND ALIEN ATTACK CLASS PROJECTS, STORRS, CT
Recreation of the well-known games Tetris and Space Invaders, March 2018 - April 2018

- Recreated Tetris and Space Invaders using Java within groups of three and four