# 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;

## Technical Skills

*Web:* React, JavaScript, (S)CSS, HTML5, REST APIs, Markdown, AsciiDocs
*Backend/Scripting:* Python, C#, Java, C/C++, PowerShell, Batch/Bash, SQL, MatLab
*Other:* Git/GitHub, Windows, Linux, MacOS, PC hardware

## Experience

**TRAVELERS INSURANCE**, HARTFORD, CT
*Associate Software Engineer, June 2019 - Present*

- React, GraphQL, and GatsbyJs. Created a dynamic, content-enabled website that displays company-wide sustainability information.

- Year 2 - React/JavaScript, C#, PowerShell. Worked on an application used by agents to quote and issue insurance policies. Helped with conversion from custom-made framework to React.

- Year 1 - Ab Initio, Teradata/SQL, Jenkins/UCD, PowerShell. Used Ab Initio and Teradata as an ETL tool to consume and manipulate data used for analytics further down the data stream in order to make business decisions.

**UCONN INFORMATION TECHNOLOGY SERVICES**, STORRS, CT
*Support Specialist Lead, May 2016 - May 2019*

- Re-imaged and set up computers for faculty members to maintain/improve faculty productivity.

- Created an electron app to graphically run a PowerShell script. The script was used for automatically performing setup tasks for PCs with a fresh install of Windows.

- Diagnosed software and hardware related problems for employees and clients.

## Projects

**SENIOR DESIGN PROJECT**, STORRS, CT
*Web application/server for The Jackson Laboratory, August 2018 - March 2019*

- Developed a web-based application which allows pathologists easy access to Copy Number Variation (CNV) calling using Whole Genome Sequencing (WGS) data to improve research.

- Application cross referenced any CNVs found with reputable clinical databases to identify CNVs widely known to be associated with disease.

- Displayed copy number variations and clinical annotations to pathologists with a user-friendly GUI.