Christopher K. Schmitt

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EDUCATION

Central Connecticut State University <div align="right">New Britain, CT</div>
BS Computer Science - Honors *GPA: 3.48* <div align="right">Sep 2018 - Jun 2022</div>

EXPERIENCE

TheCoderSchool <div align="right">Farmington, CT</div>
Instructor <div align="right">Oct 2018 - Present</div>

- Taught computer programming and computer science concepts

- Developed curricula for teaching foundational concepts in computing and robotics

SKILLS

Full Stack Web Development:	JavaScript, Typescript, React, Vue, Express, Node, Mongo
Deployments:	Google Cloud, AWS
Systems Programming:	Rust, C, MIPS Assembly, AVR Assembly
Machine Learning:	TensorFlow, PyTorch, Data Processing
Game Development:	Java, C#, Lua
Other Programming Languages:	Haskell, Python, Latex
Tools:	Git, CI Pipelines, VMs
Soft Skills:	Project Leadership, Communication, Collaboration, Tenacity
Languages:	English, German

PROJECTS

Twitter-RNN *TensorFlow, JavaScript*   https://github.com/shmishtopher/Twitter-RNN
An artificial neural network leveraging BEAM search to generate Tweets indistinguishable to those composed by humans.

VAU - The Vocaloid Archive Utility *Rust*   https://github.com/shmishtopher/VAU
An application for extracting and recompiling the proprietary voicebank format.

CoinBlock *JavaScript*   https://github.com/shmishtopher/CoinBlock
An extension for detecting and blocking browser-based crypto mining attacks with thousands of active users.

pneumonia-CNN *TensorFlow, JavaScript*   https://github.com/shmishtopher/pneumonia-CNN
A deep convolutional network for diagnosing pneumonia with a high degree of accuracy.

Claims Management System *React, Express, JWT Authentication*
A tool developed for The Hartford insurace corperation to process claims. Build with a small team of four other developers leveraging Agile processes.

FreeAgentNow *Express, JWT Authentication*
A social media platform targeted at student athletes. Built for a startup in the UConn TIP program with a team of four other developers leveraging Agile processes.

RESEARCH

Dark Web Text Classification with RNNs <div align="right">CCSU 2021-Present</div>
Lead investigator studying and developing unsupervised text classification techniques for analyzing dark web documents. CCSCNE 2022 Finalist (to be presented in April 2022).

De Bruijn Graph Genome Assembly Acceleration <div align="right">CCSU 2019-2020</div>
Lead investigator studying optimal k-mer length for probabilistic genome assemby using De Bruijn graphs. Submitted to the Central Undergraduate Research Confrence.