

Carter Smith

carter@carterwsmith.com | (630)-267-3171
github.com/carterwsmith | linkedin.com/in/carterwsmith

EDUCATION

University of Illinois at Urbana-Champaign, Champaign, IL May 2024
Bachelor of Science in Computer Science & Advertising GPA: 3.78/4.00

Selected Coursework: Data Structures (C++), Software Design Studio (C++), Linear Algebra with Computational Applications (Python), Discrete Structures

SKILLS

Languages: Python, C++, Java, HTML, CSS, JavaScript, SQL, Bash

Frameworks / Tools: Agile, APIs, Asana, Git, MySQL, NLTK, NumPy, Pandas, PyTorch, Scrum

EXPERIENCE

Terkel, Software Engineer Intern Remote (January 2022 – Present)

- Develops 2+ full-stack feature workflows using Angular.js, Node.js, Python, and MySQL
- Creates NLP machine learning algorithms, automating 3000+ text selection processes
- Participates in fast-paced (post-\$1m seed round) scrum team, planning sprints in Asana

Capital One, Tech Incubator Intern Remote (June 2021 – August 2021)

- Analyzed 600,000+ customer call transcripts to create 10+ visualizations in matplotlib
- Applied Google's neural network model (BERT) with Python, PyTorch, and NLP methods
- Fine-tuned and presented a PyTorch model with over 90% accuracy to 40+ stakeholders

University of Illinois Senate, Information Technology Champaign, IL (April 2021 – Present)

- Nominated to 1 of 2 student seats on the senate's Information Technology committee
- Shaped university policy on software, cybersecurity, and IT amidst hybrid learning
- Empowered inclusion and equality for students in access to university technology

PROJECTS

Snapchat Lens Studio Development ([Snapchat](#))

- Built 10+ augmented reality experiences using Snapchat's Lens Studio and JavaScript
- Amassed 140+ million views, 7+ million shares, and 30+ days of playtime in Snapchat
- Attracted a diverse, global audience (16% U.S.) with recurring monthly reach of 1m+

Amazon Consumer Behavior Analysis

- Assembled a graph representation of Amazon co-purchasing from Stanford data in C++
- Implemented searches, Dijkstra's and Kosaraju's algorithms to 400,000+ node edges
- Performed analysis of graph clustering to prove hypothesis of ~100 correlated groups

AWARDS AND INVOLVEMENT

- **Provost Scholarship** – Full-tuition award offered to 40 University of Illinois students (2020)
- **Chancellor's Scholar** – 1 of 125 admitted to University of Illinois honors program (2020)
- **Eagle Scout** – Achieved Scouting's highest honor with 300+ hours of local service (2018)

Illinois Music Business Club, Content Chair; **American Advertising Federation**, Hyperlink Digital Team; **American Marketing Association**, Data Analytics Lead; **Quant**, Business Content Lead