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 full-stack feature workflows using Angular.js, Node.js, Python, and MySQL
- Creates machine learning algorithms using NLP criteria to automate text selection
- Works in growth-focused environment (post-seed round), planning projects using Asana

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

- Analyzed data on customer sentiment for an NLP machine learning project in Python
- Applied Google's neural network model (BERT) to 600,000 domain-specific data points
- Trained, fine-tuned, and presented a PyTorch model (LCF-ATEPC) as a proof of concept

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 structure of Amazon co-purchasing from a Stanford dataset in C++
- Used searches, Djikstra's, and Kosaraju's algorithm to analyze behavior of consumers
- Performed analysis of graph clustering to prove hypothesis of correlated purchases

ACHIEVEMENTS AND AWARDS

- ***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)
- ***James Scholar*** – Recognized as top 20% incoming student by holistic evaluation (2020)
- ***ThinkChicago Ideas*** – 1 of 300 selected to pitch a tech project to the City of Chicago (2020)
- ***Eagle Scout*** – Achieved Scouting's highest honor with 300+ hours of local service (2018)