

>Hansel Wei

* UNC Charlotte Graduate looking to make a difference through emerging tech.
* Aspiring Software Architect, Data Scientist, & Cybersecurity Engineer

Latest resume revision: <http://hanselwei.me>

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Education:

Bachelor of Science, Computer Science

August 2016 – May 2019

University of North Carolina at Charlotte – Charlotte, NC

- Concentration in **Software, Systems, and Networks** with related-work **Minor in Communication Studies**
- **Learning multidisciplinary skills** through diverse fields Computer Science including **Cybersecurity, Data Science, & Software Engineering**
- **Recent Related Courses: Machine Learning, Deep Learning, Collegiate Cyber Defense Competition Capstone (CCDC), Parallel Computing, Network-Based Applications & Mobile-App Development**

Recent Work Experience:

Computer Science Intern

January 2019 – Present

National Gypsum Company, Technology Innovation Center – Charlotte, NC

- Implementing Data Science Pipeline on Microsoft Azure and visualizing data for material science through data science research using Python, Powershell, and C#.

College of Computing and Informatics, Peer Tutor

July 2016 – May 2019

University of North Carolina at Charlotte – Charlotte, NC

- Mentoring and improving student knowledge and understanding for undergraduate courses in Java, Python, C++, Programming, Data Structures, Operating Systems, Networking, Secured Computer Infrastructure, Git, and Bash

Featured Skills & Certifications

Skills:

- Python, Java, C#, C, C++, TypeScript, Node.js, SwiftLang (iOS), Bash, Ruby, Rust, and GoLang, Scrum, Source Control (Git), Machine Learning, Firebase, Android SDK, and Cloud Computing / IT Infrastructure

Certifications:

- **CompTIA A+ce, Network+ce, Security+ce Certified** (CompTIA Secured Infrastructure Specialist)
- **Certified Cybersecurity Associate (PCCSA)**

Current Active Agile Projects

- **Human Trafficking & Prevention (MLH Team Hackathon Project)** – using web scraping, machine learning, and natural language processing to recognize key factors of human trafficking and generate datasets containing keywords and emojis
- **Tech History Today (Available on Amazon Alexa)** – Ventures through a daily dose of the history of technology on the same date

Recent Tech Community Involvement

Student Organization Involvement:

- **Game Developers @ UNC Charlotte, Officer** – Hosted four **49er Game Jams**, giving **Gift of Workshops**, and help develop a more diverse & inclusive organization growing learning community
- **49er Security Division, Lab Assistant** – Helping fellow students at the ethical hacking lab during open hours
- **CLTHack** – Hackathon member attended **8 Major League Hackathons** exploring new emerging technologies in a different diverse and inclusive team environments. **Pearl Hacks** Presenter, Mentor, and Judge (2019)

Latest Public Speaking Event (2019): **Pearl Hacks Workshop: “Git with the Flow”**

Featured Awards & Achievements

MLH Hackathon: Fidelity Labs Best Social Good Hack & Wolfram Awards ([Link](#))

Awarded October 2018

- Data Science for Innovation, Social Impact, and Social Good. Won the weekend award for tackling the expanding human trafficking epidemic living quietly in the shadows of our increasingly digital world

College of Computing and Informatics: “Most Active and Engaged Student”

Awarded 2016, 2017, 2018

University of North Carolina at Charlotte – Charlotte, NC

- Recognized as one of the most engaged and influential student leaders in extracurricular Computer Science activities