

# > Hansel Wei

Student, Peer Tutor, & Community Leader at UNC Charlotte  
Certified CompTIA Secured Infrastructure Specialist  
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), Network-Based Applications, & Mobile-App Development**

### College Dual Enrollment, Computer Science (3.66/4.2 GPA)

August 2012 – July 2016

Rowan Cabarrus Community College / Cox Mill High School – Concord, NC

- Technical Concentrations in **Computer Technology Integration** and **Simulation & Game Design**
- Learned Public Speaking, Information Business Management, Rapid Prototyping, Multimedia & Webpage Design

## Recent Work Experience:

### College of Computing and Informatics, Peer Tutor

July 2016 – Present

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

### Top Programming 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

### Continuing Education Certifications:

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

## 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
- **[Merrits \(iOS / Android App\)](#)** – Helping make volunteering & service projects fun through AI, Gamification, & Augmented Reality

## Tech Leadership & Community Involvement

### Active Student Organization Involvement:

- **[CLTHack](#)** – Hackathon member attended **8 Major League Hackathons** exploring new emerging technologies in a different diverse and inclusive team environments.
- **[Game Developers @ UNC Charlotte, Officer](#)** – Hosted four **49er Game Jams**, given **Gitflow 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

Latest Public Speaking Event (2017): [Winthrop University GenCyber Summer Camp Guest Speaker](#)

## 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 too 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.