

GitHub: github.com/ncotta | **LinkedIn:** [linkedin.com/in/niklaas-cotta/](https://www.linkedin.com/in/niklaas-cotta/)
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About Me

I am a University of Oregon graduate with a B.S. in Computer & Information Science, primarily interested in game design/development, cybersecurity, and software engineering.

Education

SEPTEMBER 2019 – JUNE 2022 | UNIVERSITY OF OREGON, EUGENE, OR

- B.S. in Computer and Information Science, GPA 3.8
- Dean's List FA19, WI20, SPR20, FA20, SPR22
- Developers Club, Vice President || April 2021 – Present
- Women in Computer Science || September 2020 – April 2021

Courses

- **CIS 314** Computer Organization
- **CIS 315** Intermediate Algorithms
- **CIS 415** Operating Systems
- **CIS 425** Principles of Programming Languages
- **CIS 410** Intro to Scientific Visualization
- **CIS 410** Game Programming
- **CIS 432** Intro to Networks
- **CIS 433** Computer & Network Security

Skills

- **Languages:** Python, C/C++, C#, HTML/CSS, Kotlin, SML, SQL, JavaScript
- **Tools:** Unity, Bash, MongoDB, Project Management & Version Control (Git, Jira, Confluence)
- **Other Skills:** Databases, APIs, Interpreters/Compilers, Web Scraping, Automation

Work Experience

STUDENT ANALYST | UNIVERSITY OF OREGON | SEPTEMBER 2021 – PRESENT

- Assisted students, faculty, and staff with a variety of IT issues, approximately 5 tickets per shift

INFRASTRUCTURE SERVICE OPERATIONS INTERN | CDK GLOBAL | JUNE 2021 – AUGUST 2021 (3 MONTHS)

- Developed 3 network automation tools using Python in coordination with network/operations members
- Optimization and automation of ticketing/reporting systems, digital workflow management (ServiceNow)

EMERGENCY DEPARTMENT SCRIBE | ABC SCRIBES | MAY 2017 – JUNE 2018 (1.2 YEARS)

- Assisted physicians by notating approximately 5-10 documents for insurance purposes (HIPAA) per shift, including patient history, physical exam, review of systems, and occasionally medications.

Projects

SECURERFID (KOTLIN)

- An Android application using NFC technology that acts as a go-between for your phone and credit cards with RFID capability. Connects to the credit card and retrieves account information.

DUNGEONS AND DRAGONS DISCORD BOT (PYTHON)

- A bot that integrates with Discord's API. Includes an initiative tracker, dice rolling, name generator, and various commands that assist with role playing based off the ruleset of Dungeons & Dragons