

Katie Sanders

katiesanders.me

kgs5@illinois.edu

github.com/katiesanders99

linkedin.com/in/kathryn-sanders

EDUCATION

B.S. Computer Science + Music, Minor in Electrical Engineering

University of Illinois at Urbana-Champaign

Graduating May 2022 | GPA: 3.59

Relevant Courses :

- Electronic Circuits, Analog Signal Processing, Programming with Java, Android Studio, Python, C++
- Computation and Music, Music Theory, Aural Skills, Piano and Keyboarding

Extracurriculars, Leadership and Teamwork :

- **Member** - Women in Computer Science at UIUC (2019-present)
 - Code Ada Female Hackathon: Developed online web-scraping app to alert users via text to specific dining hall food items on the menu
- **Member** - Association for Computer Machinery, GameBuilders (2019-present)
- **Varsity Team Member** - UIUC NCAA Division 1 Women's Swimming (2018-2019)
- **Captain** - Air Force Cyberpatriot Cybersecurity Club all-female team (2017-2018)

WORK EXPERIENCE

Introduction to Computer Science, University of Illinois - Course Assistant

January 2020 - May 2020

- Assisting students in entry-level Java/Android Studio development during lab sessions and office hours

Sanders RF Consulting LLC, Apex, NC - Electrical Engineering Internship

July 2019 - August 2019

- Life-Sensing International
 - Used Rhino CAD to model 3D prototypes of body-worn heart rate monitor
 - Set up and optimized QiDi 3D printer for prototype housings
- OpenTrons
 - Performed and documented ESD compliance testing on incubation device
- Iridium
 - Field tested Iridium GPS satellite phone handsets
 - Generated/presented formal evaluation reports to the Iridium design team

SKILLS

- **Programming languages:** Java, Python, C++, Visual C#, front-end web design
- **Software:** RhinoCAD, QiDi 3D Slicer, Photoshop, Audacity, Logic Pro, Ableton Live, Sibelius