

# Katie Sanders

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## 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