

# Samuel Michelsen

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## SUMMARY

Recent Graduate looking to begin career working on interesting projects while gaining experience and applying my knowledge. An analytical and critical thinker, who tries to approach challenges with creativity and persistence. Someone who is highly motivated, initiative-taking, willing to assume extra responsibility, help others, and lead.

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## EDUCATION

### **Rock Valley Community College | Rockford, IL | August 2019 – May 2020**

Associates of Science

Relevant Courses: Intro to Web Development, Intro to C++ Programming

### **Illinois Institute of Technology | Chicago, IL | August 2020 – August 2023**

B.S. in Computer Engineering

GPA: 3.5/4.0

Relevant Courses: Data Structures & Algorithms, Computer Architecture & Org., Operating Systems

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## WORK EXPERIENCE

### **RF Systems Design Intern | Northrop Grumman | June 2023 – August 2023**

- Developed C++ code for simulation
- Designed and implemented algorithms for RF threat processing
- Gained experience working on large software systems
- Became immersed in a team working on solving difficult problems

### **Office Assistant | Michelsen Financial | April 2020 – August 2020**

- Exposure to office environment
- Created/updated Excel spreadsheets for clients' financial reports
- Organized (physical) files

### **Server | Henrici's Catering @ The Pavilion at Orchard Ridge | August 2018 – March 2020**

- Set up venue, serve guests food, tend to bride/groom families
- Ability to learn and fulfill multiple roles and do whatever is necessary to help the team
- Learned to be personable and professional in a dynamic, sometimes stressful environment
- Worked up from a dishwasher to being able to fill many roles

### **Dishwasher / Pizza Maker | Sam's Pizza Rockton | August 2017 – August 2018**

### **Cart Attendant / Bagger | Woodman's of Beloit | December 2016 - August 2017**

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## TECHNICAL SKILLS

- Object oriented programming/design
  - Data structures and algorithms
  - C/C++, Python, Java, assembly (MC68K, MIPS, RISC-V)
  - Web programming: HTML/CSS, JavaScript
  - Version control software (Git), agile development software (Jira)
  - Relational database systems, SQL
  - Embedded systems & remote development (SSH, Vim, Tmux)
  - Operating Systems: Windows & Linux
  - Distributed Systems: Linux
  - Radar Systems Basic Principles
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