# Ben Stokman

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## Summary

### Skills

- C, C++, Java, Bash
- HTML, CSS, Markdown, Math LaTeX
- Linux systems
- Networking fundamentals
- IT fundamentals and operating system debugging
- General computer security knowledge
- Graphic design and Inkscape

### Publications

- All of my posts are listed at benstokman.me/blog.
- Creator and editor of oneTwentyEight blog. Now archived.
- [2017, ASU] Contributor and editor of MATHadazzles

## Education

MSE | **Computer Systems Engineering** | ASU Tempe  —  Expected May 2026
- Classes taken: Advanced Networks, Advanced Operating Systems, Fundamentals of algorithms.

BSE | **Computer Systems Engineering (Cybersecurity)** | ASU Tempe  —  August 2020 to May 2024
- 3.75 GPA
- Wide range of programming, hardware, and cybersecurity classes
- UGTA for CSE120 and CSE230

High School Diploma | **Networking Focus** | Phoenix Coding Academy  —  August 2018 to May 2020
- Basic networking and Linux experience

## Employment

Undergraduate Teaching Assistant | **CSE230** | ASU Tempe  —  Spring 2024 Semester
- CSE230 is an introductory MIPS class
- Students number around 450 over both sections
- Help students complete in class activities and assist with their understanding of other assignments
- Develop a plan for and create both code and videos for weekly "mini lectures"

Undergraduate Teaching Assistant | **CSE120** | ASU Tempe  —  Fall 2023 Semester
- CSE120 is an introductory class about digital logic design, and computation logic basics.
- Help teach around 75 students for one class
- Support on the preparation of the curriculum, including lecture plans, tests, and assignments for the class, as well as reviewing their work
- Provided one-on-one guidance and support to students during office hours, answering their questions and addressing their concerns

Undergraduate Intern | **Siemens Digital Industries EDA** | Freemont, CA  —  Summer 2023
- Contributed to the design, implementation, and testing of an impactful component within a large software system
- Collaborated with a team of eight using the Scrum methodology to ensure project progress and success
- Adapted designs to meet software tool constraints and requirements

Student Worker III | **IT Support Technician** | ASU Tempe  —  Summer 2021 to Fall 2022
- Developed and implemented tools and scripts to improve the efficiency of Linux system debugging
- Provided excellent customer service by assisting customers with various IT issues
- Debugged about 25 computers monthly, installed operating systems and software to ensure optimal function

## Projects

- All my projects listed at benstokman.me/projects
- Mable HTML Template (mablesite.com)
- x86_64 programming practice (git.benstokman.me/benjistokman/x64)

# Leadership Development & Volunteer Experience

- [March 2024] Attended 42$^{nd}$ annual IEEE VLSI Test Symposium
- [April 2023 – Present, Management Leadership for Tomorrow] Professional development
- [August 2015 – 2017, Phoenix Public Library] Helped shelve books and coordinate activities
- [2015, Festival of Lights] Supported fundraising for the carnival, and helped with games

# Extracurricular Activities

## College

- ASU Linux Users Group
- Album Listening Club

## High School

- [2010-2020] YMCA Jr. Suns Competitive Basketball.
- [2015-2018] Musical Theater.
  - Actor and singer in drama productions: Alice in Wonderland, Mary Poppins, Charlie Brown.
  - Graphic designer, usually the sole designer and creator of marketing materials.
  - Head of public relations 2017-2018.
- [2015-2017] National Junior Honor Society
- [2016-2017] Coding Club.
- [2017-2018] Leadership Society.