

# Maxwell Lubarsky

San Francisco, CA ♦ (415) 666-6838 ♦ [mlubarsky@icloud.com](mailto:mlubarsky@icloud.com) ♦ [LinkedIn](#)

## Education & Coursework

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**University of San Francisco (Aug 2021 – Expected, June 2025)**

**San Francisco, CA**

B.S. Computer Science, 3.77 GPA

- Coursework:
  - CS-463: Machine Learning
  - CS-411: Automata Theory
  - CS-336: Computer Networks
  - CS-315: Computer Architecture
  - CS-245: Data Structures & Algorithms
  - CS-221: C and Systems

## Work Experience

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**University of San Francisco, ITS (May 2023 - present)**

**San Francisco, CA**

Application Technician

- Work alongside the application administrators and programmers to assist them with tasks they're working on, and provide technical support to clients.
- Develop new, and enhance existing documentation for application support, including documenting knowledge base articles, and updating an outage tracker.
- Manage multiple ticket queues in our ticketing system by escalating tickets to the appropriate primary and secondary support, following up with clients, and performing troubleshooting.

**University of San Francisco, ITS (Jun 2022 – May 2023)**

**San Francisco, CA**

Help Desk Technician

- Provided technical support to faculty, staff, and students.
- Answered phone calls and provided verbal troubleshooting support.
- Assisted clients in person via walk-in.
- Created, responded, and followed-up to tickets in our ticketing system.
- Troubleshot issues with on-campus Wi-Fi networks, GlobalProtect VPN, Printing, Canvas, Cisco Jabber, Ellucian Banner, Duo Mobile, Gmail, and the University's web-based app.

## Projects

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- **AQI Predictor | Python**
    - Created a Long Short-Term memory recurrent neural network model that predicts San Francisco's Air Quality Index.
    - Achieved 87% prediction accuracy.
  - **Network Compression Detection | C**
    - Created a standalone application that detects whether there is compression on a network link.
    - Implemented the raw sockets API.
  - **RISC-V Emulator | C**
    - Created an emulator that performs the logic and execution of RISC-V instructions.
    - Implemented direct-mapped and set-associative cache memory.

## Skills

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- **Programming Languages:** Python, Java, C, SQL, RISC-V Assembly.
  - **Software:** CLion IDE, Eclipse IDE, IntelliJ IDE, Visual Studio Code IDE, Oracle SQL Developer IDE, Git Bash, GitHub, Jupyter Notebook, Microsoft Office 365, Sublime Text, Wireshark, Ubuntu, Linux, Unix.
  - **Hardware:** Windows, Macintosh.
  - Fluent in English and Russian.