Maksym **Prokopovych**

COMPUTER SCIENTIST

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Looking for opportunities to show off my computer science skills and learn something along the way.

Skills

- Proficient in C, C++, Java, Javascript, and Python
- Proficient knowledge of bash and linux management, been using Linux primarily for over a decade
- Excellent understanding of cryptography and cybersecurity, including group theory mathematics and blockchain technology
- Good understanding of low level computer systems and low level internet.
- Much experience with arduino microcontroller boards associated robotics/hardware integration
- Good understanding of digital circuit design, with experience in Verilog and Cadence Virtuoso Software
- Excellent understanding of compilers and language processing to an extent
- Proficient at AWS and other internet technologies
- Good understanding of neural network mathematics and machine learning
- Fluent in English, Russian, and Ukrainian

Experience

Amazon.com Inc   *Seattle, WA*
SOFTWARE DEVELOPMENT ENGINEER   *Sept. 2023 - now*
- Working on warehouse logistics with Amazon Warehouse and Distribution

Amazon.com Inc   *Seattle, WA*
SOFTWARE DEVELOPMENT ENGINEER INTERN   *Jun. 2022 - Aug. 2022*
- Supported Amazon's Payment Fraud machine learning team by developing database caching tools
- Return offer

UCLA Olga Radko Math Circle   *Los Angeles*
DOCENT INSTRUCTOR   *Sept. 2021 - Jun. 2022*
- Taught gifted high school students advanced mathematics

UCLA IT Services   *Los Angeles*
STUDENT CONSULTANT   *Jun. 2019 - Jan. 2022*
- Supported UCLA faculty, staff and students with various software services.

Extracurriculars and Personal Projects

8 Bit Computer Implementation
                                                                                                                          Jan. 2018 - Dec. 2018
Implemented an 8 bit breadboard computer from LS74 logic chips and various other electrical components.

Compiler Implementation
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Implemented a RISC-V compiler for a simplified Java-like language for UCLA's CS 132.

Education

University of California, Los Angeles   *GPA: 3.3*
B.S. IN COMPUTER ENGINEERING, MINOR IN MATHEMTICS   *Sept. 2018 - Dec. 2022*
- Tech Breadth in Computer Science
- Favorite Courses
  - CS M282A: Graduate Cryptography
  - ECE 102: Digital Signal Processing
  - CS 132: Compiler Design
  - Math 131A: Real Analysis

Venice High School, Los Angeles   *GPA: 4.4, Top 2% of Class*
                                                                                                                        Sept. 2014 - Jun. 2018