

# ILYA KLIMOV

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## SUMMARY

I pride myself on having an exceptional work ethic. I am passionate about Computer Science and I have developed a diverse set of skills. Effective communication is my strong suit. I am capable of working independently across a variety of levels, as well as collaborating to achieve results as a team. I thrive in a fast paced, project driven environment.

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## SKILLS

- |                   |                                |                                   |
|-------------------|--------------------------------|-----------------------------------|
| • C               | • AWS                          | • Terminal Bash/Shell scripting   |
| • C++             | • Test Driven Development      | • Data Exploration                |
| • C#              | • QA Testing                   | • Software Design                 |
| • Java            | • Troubleshooting              | • Containers                      |
| • Python          | • Cloud Computing              | • Arm64 Assembly                  |
| • Data structures | • Unix & Windows Based Systems | • Microsoft Office Suit           |
| • Algorithm       | • Docker                       | • Bilingual (English and Russian) |
| • SQL             | • Git                          |                                   |
| • .NET            |                                |                                   |

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## EXPERIENCE

### HELION ENTERPRISE

Laguna Hills, CA: 04/2020 - 11/2022

Junior Software Engineer

- I maintained projects written in .NET framework.
- Administated Linux and Windows based machines.
- Performed over 100 ticket driven code reviews.

### YAUZA SOFT

London, Great Britain (Remote): 06/2018 - 04/2020

Assistant Database Administrator

- I migrated and Converted Data for MYSQL database from large data sets.
- Wrote custom Queries for a proprietary database on a daily basis.
- Managed Information Systems for various customers.

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## EDUCATION

### UNIVERSITY of CALIFORNIA IRVINE

Irvine, CA: 05/2023 - Current

University - Bachelor's Degree in Computer Science, June 2025

- Transferred into UCI's Computer Science Program with a less than 3% transfer acceptance rate

### SADDLEBACK COLLEGE - 3.8 GPA

Mission Viejo, CA: 06/2021 - 05/2023

Community College - Associates Degree in Computer Science and Mathematics June 2023

- I was a scrum master for a project to simulate a graphical interface for a photo editor.
- Studied Computer Systems and assembly, wrote code for the Arm64 architecture.
- Studied Data Structures and Algorithms for the purpose of creating more efficient algorithms.
- Completed all major prep classes for my Associates degree in Computer Science and in Mathematics. I will receive them in May 2023.

### SCHOOL 42

Fremont, CA: 06/2019 to 03/2021

Extended Bootcamp

- I created test driven frameworks utilizing automation tools.
  - Studied in a simulated work environment, with limited supervision and worked in a team to accomplish success in larger projects.
  - Completed self-driven curriculum with core low level projects scaling to high level OPP sprint projects.
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## IRVINE VALLEY COLLEGE - 3.8 GPA

Irvine, CA: 08/2018 - 05/2019; 05/2021 - 05/2023

Community College

- I applied Discrete Mathematics and Linear Algebra knowledge in creating and updating custom open-source software.
- Created and managed more than 50 Java based projects.

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## PROJECTS

### SDO SEARCH

Mission Viejo, CA: 10/2022 - Current

In collaboration with UCI, Google, Pinterest

- A tool for heliophysicist to access and sort the data from the solar Dynamics Observatory Satellite
- Leverage machine learning on large unlabeled data to identify solar events
- Application running on AWeS server to process and store data

### LIB\_FT

- Low-level dedicated C library with bit masking techniques and amd64 assembly

### FILL\_IT

- Condense and efficient Tetris solver written with custom build library for embedded systems

### SHORTEST PATH

Mission Viejo, CA: 9/2022 - 12/2022

- Graphical representation of different maze creation and path finding algorithms

### 2D MODELER

Mission Viejo, CA: 08/2021- 01/2022

- Project to simulate a graphical interface for a photo editor
- Lead a sprint team as a Scrum Master to ensure product delivery

### PRINT\_F

- Tailor-made customisable standard input-output program for text processing

### HERCULES

- Http proxy server written in C implementing an SQL database
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