

Vasilis A. Gadala

Foster City, CA 94404
(650)-436-9039
vasilisgadala@gmail.com

Dates of Availability: January 2024 – August 2024

vasilisgadala.com linkedin.com/in/vasilis-gadala github.com/VasilisGadala

EDUCATION

Northeastern University, Khoury College of Computer Sciences

Cumulative GPA: 3.85/4.00 • Khoury College GPA: 3.9 /4.00 • Dean's List

Candidate for Bachelor of Science, Computer Science, AI Concentration, Robotics Minor

Relevant Coursework: Graduate Algorithms, Graduate Systems, Object Oriented Design, Differential Equations and Linear Algebra, Database Design, Foundations of Data Science

Boston, MA

Aug 2021 – Present

May, 2025

SOFTWARE KNOWLEDGE:

- | | | | | | |
|--------|------------|------------|-----------|---------|------------|
| • Java | • Python 3 | • C++/C | • SQL | • TS/JS | • HTML/CSS |
| • Git | • Linux | • BigQuery | • GraphQL | • Kafka | • Angular |

RELEVANT EXPERIENCE

Wayfair Software Engineering Co-Op:

- Developed a service that collected data regarding the usage of APIs used for order cancellations. Data is streamed from Kafka topics to BigQuery. Used by business teams to generate dashboards displaying usage and profitability to stakeholders
- Performed in an AGILE work environment with daily standup and biweekly sprints
- Operated on bugs and enhancements in supplier and order cancellations backend systems
- Gained experience in decoupled Java and Python applications

Boston, MA

Jan 2023 – June 2023

Teaching Assistant - Object Oriented Design:

- Instructed 19-person labs, taught challenging concepts
- 15 hours per week: hosted office hours, graded homework and exams, labs
- Collaborated with faculty and peers, refined communication skills, time management

Boston, MA

Fall 2022

Aragon High School Robotics:

- Qualified for FTC World Championship. Led CAD Team. Designed intake mechanism
- Developed leadership, collaborative, and teamwork skills

San Mateo, CA

June 2017 – June 2021

PROJECTS

SortingVisualizer:

- Built a C++ program that provides visualizations for differing sorting algorithms, using generics to support sorting of any elements implementing comparison operators
- Designed tests using Catch2 and Boost sorting operations to ensure that newly created sorting algorithms are accurate

Boston, MA

Fall 2023

GraphicsEngine:

- Designed application in C++ using OpenGL capable of loading .obj files, rendering multiple objects / meshes, and performing transformations in real-time
- Developed code for 3D object rotations, translations, file loading, face coloring, and vertex / face implementations responsible for representing the object

San Mateo, CA

Summer 2023

Housing Price Modeling:

- Designed program that compared 3 Machine Learning Models to predict Housing Prices in NYC within \$250k
- Performed tuning of ML Models and analyzed advantages of such models

Boston, MA

Fall 2022

Banner2.0:

- Designed a MySQL database storing data similar to a college advising portal
- Developed an application with a REST API to display a use-case of the database

Boston, MA

Fall 2022

ImageProcessing:

- Designed application capable of applying image filters through linear transformations
- Implemented 14 operations to edit images, 2 involving image kernels. Developed visualization using Java Swing. Utilized design patterns for abstraction

Boston, MA

Summer 2022

Interests And Hobbies

Full-stack Engineering, Machine Learning, Robotics, Computer Aided Design, Basketball, Biking