

Devi Khositashvili

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Education

Free University of Tbilisi, Math and Computer Sciences

Bachelor of Computing GPA: 3.63 / 4.0

Tbilisi, Georgia

September 2017 - July 2021

Main Courses:

Operating Systems Engineering (OS)	Data Bases	Computer Networks (CN)	OOP
Advanced Algorithms	Distributed Systems	Artificial Intelligence (AI)	ML
NLP	Android	iOS	Web

Komarovi Campus School

Student - Teamwork Makes the Dream Work

Tbilisi, Georgia

September 2011 - August 2017

Work Experience

Free University of Tbilisi DSC

Developer Student Clubs Leader

Tbilisi, Georgia

September 2020 - Present

- Developer Student Clubs are university based community groups for students interested in Google developer technologies. Students from all undergraduate or graduate programs with an interest in growing as a developer are welcome. By joining a DSC, students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their community.

Projects

Object-Oriented Programming (OOP) - BookinGeorgia (Group Project)

- A web site analog of booking.com This is a platform where people (mostly tourists) are available to find and book hotels for their journeys or trips. Also, Owners of Hotels and Private Houses are available to post their orders/ rent or sell their ownerships. Supported SQL databases and multithreading (Java , HTML , CSS , JavaScript).

Programming Methodology and AI Mini Games: Tetris, Breakout, Hangman, Pac-Man

- Tetris, Breakout, and Hangman wrote in Java with a little AI element. Pac-Man, more exactly its brain was written in Python using strong AI algorithms, like a reinforcement learning, forward and backward propagation, minimax and etc. using Linux/Ubuntu 18.04.

Programming Paradigms - Multithreading

- Basic Bank simulation, which supports multithreading for its transactions and other operations. Written as in C, also in Java, using Linux/Ubuntu 18.04

Computer Network (CN) - Stateless and Stateful Firewall

- An implementation of a basic firewall running at end hosts. A firewall is a security system that controls the incoming and outgoing network track by analyzing the data packets and determining whether they should be allowed through or not, based on a rule set. A project deal with real packets in a Linux-based virtual machine(VM) in python.

Nand2Tetris (N2T)

- Build a Modern Computer from First Principles: From Nand to Tetris. Create a specific language JACK. Write Operating System in Jack, and make a Tetris game.

Operating System (OS) - Pintos (Group Project)

- Pintos is computer software, a simple instructional operating system framework for the x86 instruction set architecture. Written in C according to MIT's 6.828-course code, as a 4 member team - tested and fully functionally.

Achievements

- Successfully Participated in lots of Olympiads in Math, Physics, Drawing, Karate.
- Winner of Tournaments in Chess, Rank - candidate master and coach.
- Participant of ACM-ICPC semifinals - 2018, 2019 and 2020.
- 11Th place in National programming competition in Georgia - 2019.
- Participated in Google Code Jam and Hash Code 2018, 2019 and 2020.

Skills

Languages: Georgian (native), English (advanced), German(basics)

Languages: C/C++, Python, Java, Swift, Kotlin, Go, HTML/CSS, JavaScript, MySQL, Schema.

Competitive Programming: Hackerrank Account - dkhos17, Codeforces Account - Harold-Finch(Expert)

Social Media: LinkedIn - Devi Khositashvili, Facebook - Devi Khositashvili