

MIRSHOKHID OKILBEKOV

Tampa, FL · okilbekovmirshokhid@gmail.com · (813) 235-5177
linkedin.com/in/mirshokhid-okilbekov · okilbekov.me · github.com/okilbekov

EDUCATION

University of South Florida BS Computer Science <i>GPA: 3.9</i>	Tampa, FL Aug 2021 - May 2025
Codepath Certificate in Advanced Software Engineering	Remote May 2022 - Aug 2022

EXPERIENCE

USF Engineering Learning Team <i>Peer Mentor</i>	Tampa, FL June 2022 - Present
<ul style="list-style-type: none">Facilitated ALEKS precalculus tutorial sessions, 3 hours a weekIndividually mentored up to 15 engineering first-year studentsFacilitated weekly Learning Team study sessions with interactive group problem solvingMet with students one-on-one as needed	

PROJECTS

Personal Website: www.okilbekov.me (for additional information and projects)	
Search Server (in progress) <i>C++, CMake</i> <ul style="list-style-type: none">Implemented search server that in constructor receives input stream containing a database of documents, and input stream containing search queries. The result of each query is the most relevant document in the database.Improved time complexity of each search query by using inverted index data structure to store in which documents each word can be found.Used Test Driven Development approach to decrease bugs in code.Currently rewriting the codebase to concurrently handle search queries and document database update.GitHub: github.com/okilbekov/search-server	
TravL <i>React, Material-UI, HTML, CSS, JS</i> <ul style="list-style-type: none">Developed a responsive single-page web app that shows interesting places around you on the mapUsed Travel Advisor API, OpenWeatherMap API, and Google Map API to fetch the locations of hotels, restaurants, attractions, and also weather to show them on the mapImplemented search feature allowing the user to find travelling information around the worldGitHub: github.com/okilbekov/TravL, View Project: travl-m.netlify.app	
URL Shortener <i>React, Express, Node.js, MongoDB, Materialize CSS</i> <ul style="list-style-type: none">Created a full-stack web applications using MERN stack that allows users to easily shorten long URLs, and view link's analyticsImplemented user administration and authorisation using JSON Web TokenDesigned RESTful backend server enabling all data to be stored persistently in an online databaseGitHub: github.com/okilbekov/shrink-link, View Project: shrink-the-link-app.herokuapp.com	

LEADERSHIP

Society of Competitive Programmers at USF <i>Technical Chair</i>	Tampa, FL May 2022 - Present
<ul style="list-style-type: none">Facilitated weekly workshops on competitive programming, algorithms and data structures	

SKILLS

Languages:	C++, JavaScript, Python, HTML, CSS
Frameworks:	React, Redux, Express, Node.js, MongoDB, Material-UI, Bootstrap, Materialize CSS, React-Bootstrap, Jest, Google Test
Tools:	Git, CMake, Linux, Postman, VS, VS Code, Clion, PyCharm, Vim

AWARDS

First place in ICPC Southeast Regionals Contest, Div 2	Miami, FL
Participant of National Math Olympiad in Uzbekistan	Tashkent, Uzbekistan
USF Green & Gold Directors Scholarship	Tampa, FL
Dean's List Fall 21, Spring 22	Tampa, FL