

Vlad Kurgankin

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EDUCATION

UNIVERSITY OF CENTRAL FLORIDA

Orlando, FL

Computer Science BS, Math Minor

August 2023 – May 2026

- Cumulative GPA: 4.0 / 4.0
- Related Coursework: Computer Science I, Computer Science II, Object Oriented Programming, Discrete Math

EXPERIENCE

PALM BEACH SCHOOL DISTRICT

Palm Beach, FL

Software Engineer Intern

June 2023 – August 2023

- Developed a platform for elementary, middle and high school students to compete with each other by answering quiz questions based on assigned books
- Utilized React with TypeScript for front-end development, creating dynamic and user-friendly interfaces
- Employed .NET Core with C# for back-end services, building a robust and scalable application architecture
- Designed and implemented a custom database schema, optimizing performance with tailored queries
- Integrated Google Books API to streamline the process of assigning and managing books for quizzes

ICPC PROGRAMMING TEAM OF UNIVERSITY OF CENTRAL FLORIDA

Orlando, FL

Varsity Programming Team Member

September 2023 – Current

- Participated in weekly programming team practices focused on mastering advanced algorithms and data structures
- Attended lectures on advanced algorithms, data structures, and competitive programming techniques to deepen understanding and improve problem-solving efficiency
- Collaborated with teammates to solve challenging competitive programming problems in timed practice contests
- Prepared for ICPC regional and global programming competitions by developing problem-solving strategies under time pressure
- Analyze solutions and optimize code for performance and correctness in a competitive environment

SELECTED PROJECTS

Telegram Hotels Bot

January 2022 - July 2022

- Developed a Telegram bot that helps users find hotels by querying location, price, and rating
- Integrated APIs to fetch and display hotel details, including rating, price, and images, enhancing user experience
- Utilized pyTelegramBotAPI and requests in Python to handle user inputs and API requests
- Implemented dynamic filtering options to allow users to tailor their hotel search based on specific preferences
- Built an intuitive and responsive interface for seamless interaction through the Telegram platform

Resume Website

April 2023-May 2023

- Developed a resume website utilizing HTML, CSS, and JS with a couple libraries
- Designed every page in Figma for both desktop and mobile devices with determined color scheme and animations

ACHIEVEMENTS

- The ICPC 2024 Southeast USA Regional Contest, 2nd Place
- Codeforces rating: 1645 (Expert), top 6% among other users

ADDITIONAL INFORMATION

Skills: Python, C++, C, C#, Java, JavaScript, TypeScript, SQL, PHP, HTML, CSS, Git, Docker, React, .Net Core, Tailwind, Visual Studio Code

Certificates: IT Specialist - Software Development, IT Specialist - Java, IT Specialist - JavaScript, MTA: Windows Operating System Fundamentals, Unity Certified User: Artist, Unity Certified User: Programmer, Adobe Certified Professional in Visual Design, Microsoft Office Specialist: Expert

Interests: Competitive Programming, Advanced Math