🔍 fullstack, backend, embedded SWE

JAMES RYZHKOV

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SKILLS

Java, Next.js, React.js, JavaScript, HTML & CSS, Node.js, Python, C, C#, C++, Programming Languages and Frameworks:

SpringBoot, PostgreSQL, SQL, MongoDB, Swift, SwiftUI, Git, GCP, Linux, Jupyter

English, Belorussian, Russian, Ukrainian Natural Languages:

EDUCATION

Georgia Institute of Technology

Atlanta, GA

BS Computer Science | Systems Architecture, Internetworks, GPA: College 3.64

August 2021 - December 2023

Southern Polytechnic University

Marietta, GA

BS Computer Engineering | Honors College, GPA: 3.7

August 2019 - May 2021

Relevant Courses:

Data Structures & Algorithms, Objects & Design, Design & Analysis-Algorithms

Computer Organization & Programming, Systems and Networks, Design of Operating Systems

Database Systems, Advanced/High Perform Computer Architecture, Computer Networking, Processor Design

EXPERIENCE

Bezalel Studio (R)

Lead Developer & Director

Cumming, GA

• Manage a team to offer website services, branding, SEO & SMM, Mobile and Computer Applications.

March 2021 - Present

• Handle discussions with clients to understand requirements and business specifications while guiding the team.

• Designed and implemented a unified payment portal that integrates Zelle, Paypal, ApplePay, Credit Card, and Venmo, reducing third-party transaction costs by 76%.

Georgia Tech VIP Program | Stadium Internet of People and Things

Atlanta, GA

Team Lead - App Developer and Researcher fanplay.tech

August 2022 - December 2023

- VIP team targeted at enhancing Georgia Tech sports fans' game-day experience and ensuring their security by enabling their mobile devices to access innovative infotainment and venue-related information.
- Research focused on integration and development for the iOS Application.

BMI Inc.

Cumming, GA

Information Technology Web Developer

January 2015 - May 2022

- Responsible for the electronic necessities in running the non-profit 501(c)3.
- Created Dynamic systems for donation processing, custom email marketing campaigns, maintained servers.
- Increased online donations by 83% by redesigning the donation portal and improving U/X.



KJ Web & Productions

Cumming, GA April 2015 - September 2018

Founding Director

- Created 3-D Animations and Graphics for Jumbotron applications.
- Managed to increase the price per second from \$5 to \$18 per second by introducing modular reuse design within Cinema4D sets.

PROJECTS

Adapt Manager Suite Next.js, PostgreSQL, SpringBoot, Java, MongoDB, JS

book.chancevouth.org

A versatile platform for overnight events, featuring dynamic booking, Telegram notifications, facial recognition for photo retrieval, and food ordering capabilities. Enhances event logistics, improves attendee experience, and ensures efficient operational management.

NFC ATM React, Node.js

Application that runs on an ATM machine that is configured to NFC 13.5GHz. Point system used for children events to imitate an economy with working VISA cards.

Tale - Purposeful Management Express Node.js Framework, HTML, CSS, JavaScript

Simple yet powerful team management web-app that focused on binary emulated sub-team collaboration.

LEADERSHIP & ACTIVITIES

Chance Youth @chance.youth, Ukraine, Poland, Belarus, United States

chancevouth.org

Co-founded Project Chance to empower young people that have a heart for compassion, to travel overseas to conduct camps for orphans. The project focuses on sharing the Love of Christ with the unfortunate outcasts of society. This positive movement has grown to help bring financial, emotional, and spiritual comfort to hundreds of people year-round.

GT iOS club SwiftUI, Firebase, Auth, Firestore, Realtime

gtios.club

Working on app "GT Collaboration"

Assignments: • Integrate 2FA • Smart Search • Swift Charts • UI Design (Figma)

Startup LAB Georgia Tech Evidence-Based Entrepreneurship

create-x.gatech.edu

GT WebDev club Active member developing modern-web applications | (Spring Project - "Punchshot")

gtwebdev.org