

JAMES RYZHKOV

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"In the pursuit of lifetime learning"

SKILLS

Programming Languages and Frameworks: Java, Next.js, React.js, JavaScript, HTML & CSS, Node.js, Python, C, C#, C++, SpringBoot, PostgreSQL, SQL, MongoDB, Swift, SwiftUI, Git, GCP, Linux, Jupyter
Natural Languages: English, Belorussian, Russian, Ukrainian

EDUCATION

Georgia Institute of Technology

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

Atlanta, GA

August 2021 - December 2021

Southern Polytechnic University

BS Computer Engineering | *Honors College, GPA: 3.7*

Marietta, GA

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

Lead Developer & Director

Cumming, GA

March 2021 - Present

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

Assistant Team Lead - App Developer and Researcher fanplay.tech/about

Atlanta, GA

August 2022 - December 2023

- Boosted feature development speed by approximately 40% through a transition to SwiftUI, while enhancing backend performance, security, and simplifying the onboarding process by migrating from Laravel to SpringBoot.
- Led the Apps sub-team resulting in partnership with the GT Athletics.

BMI Inc.

Information Technology Web Developer

Cumming, GA

January 2015 - May 2022

- Responsible for the electronic necessities in running the non-profit 501(c)3.
- Created targeted campaigns to promote the organization's mission, leading to increased engagement and support via MailChimp.
- Increased online donations by 83% by redesigning the donation portal, improving U/X and automating the post-donation process with Zapier.

KJ Web & Productions

Founding Director

Cumming, GA

April 2015 - September 2018

- 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

Manager Suite Next.js, PostgreSQL, SpringBoot, Java, MongoDB, Python, TensorFlow, Jupiter, OpenFace book.chanceyouth.org

Engineered an advanced event platform with automated booking processes, real-time Telegram notifications, facial recognition photo retrieval, and seamless food ordering; optimized logistics, enhanced attendee satisfaction, and boosted operational efficiency.

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, HTML, CSS, JavaScript

Team & Work Management web-app tailored to replace unnecessary complexities of monday.com

LEADERSHIP & ACTIVITIES

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

chanceyouth.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

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

Startup LAB Georgia Tech Evidence-Based Entrepreneurship

create-x.gatech.edu

Ideation, teaming, customer discovery, MVPs, and the business model canvas

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

gtwebdev.org