

Troy Kubanka

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SUMMARY

Dedicated and ambitious professional passionate about software development, seeking a technical internship role. Experienced in diverse software environments and programming languages, coupled with successful project initiatives using data analytics. Eager to contribute skills and grow within an IT environment alongside motivated peers.

SKILLS

- **Software Development**
 - C & C++
 - SQL, MySQL, & phpMyAdmin
 - Python
 - JavaScript
 - PHP
 - Ruby & Ruby on Rails
 - Swift
 - CSS
 - HTML
 - UNIX
 - VI
 - Assembly
 - Raspberry Pi
 - Machine Code
- **Data Analysis**
 - R & RStudio
 - Python
 - Power BI
 - Microsoft Excel
 - Financial analysis
- **More**
 - Microsoft 365 Products
 - Google Workspace Products
 - Teamwork and Collaboration
 - Time Management and Project Management
 - Communication
 - Emotional Intelligence
 - Critical Thinking and Problem-Solving

EDUCATION

Bachelor of Science in Computer Science with a minor in Data Science; High Point University

Expected Graduation Date: May 2025

Bachelor of Science in Business Administration - Finance; High Point University

Expected Graduation Date: May 2025

EXPERIENCE

Tutor – Computer Science | High Point University Feb 2024-Current

- Offer guidance and tutoring for entry to intermediate-level computer science classes.
- Assist in labs and hold personal office hours for students.
- Provide resources and give effective strategies to break down challenging problems.

Software Developer Oct 2021-Current

HPU Minds – High Point University

- Cooperate in software projects and collaborate with Apple Co-founder Steve Wozniak.
- Developing VR games in UE5 to address and alleviate fears within a safe environment.
- Developed neural software that uses EEG signals to control lighting and direct a robot.

Undergraduate Student Researcher Sept 2021-Current

High Point University

- Engaged in multiple student research initiatives related to diverse topics.
- Collected, analyzed, and presented data using tools like R and Power BI.
- Topics: quantum computing, American work-life technology balance, human migration.

Full Stack Website Developer June 2022-August 2023

Lozana LLC

- Cooperate with a team to develop a website for an e-commerce startup.
- Assisted in frontend development (HTML, CSS, and JS), backend development (Ruby), and database design (SQL and MySQL).
- Returned the following summer to add new products and update the website.

PROJECTS

Professional Website – JavaScript, CSS, HTML Dec 2023-Jan 2024

- Published my own desktop website: <https://troy-kubanka.github.io/mypersonal-website/>

Push-up Mobile App – Swift, iOS, XCode Sept 2023-Nov 2023

- Developed a mobile Push-Up+ app to remind users and increase push-up count.

MLB Database – SQL, MySQL, phpMyAdmin March 2023-May 2023

- Designed an ERD and relational database designed around the 2022 MLB World Series.

RELEVANT COURSES

Advanced Programming with Data Structures

Advanced Programming with Algorithm Development

Web Technologies & Full Stack Development

Database Systems

Computer Systems

Discrete Mathematics

Statistical Analysis with R Applications

Graph Theory & Network Science

Financial Accounting

Managerial Accounting

Financial Management

Corporate Finance

Investment Analysis

CERTIFICATIONS

Microsoft Office Specialist: Excel Associate (Office 2019)

- Issued by Microsoft in November 2022

Career Essentials in Generative AI

- Issued by Microsoft in July 2023

CAMPUS INVOLVEMENT

HPU Minds – Treasurer

September 2022-Present

High Point University

- Collaborate with the engineering team to create projects and work with Steve Wozniak.
- Manage the organization's finances, including budgeting and tracking expenses.
- Maintain accurate and up-to-date financial records, including transactions and receipts.

Research Rookies – Research Apprentice

Sept 2022-Present

High Point University

- Incorporate creative work and collect, organize, analyze, interpret, and present data.
- Collaborate and network with other professional researchers.
- As an Apprentice, guide new researchers and volunteer at research events.

Habitat for Humanity

Sept 2023-Present

Habitat for Humanity

- Engaged with the local community through this housing and shelter outreach program.
- Promote affordable housing initiatives and raise awareness.
- Assist in building and repairing homes alongside other volunteers.

Entrepreneurship Club

Sept 2023-Present

High Point University

- Discuss modern methods to build, manage, and market a business and its products.
- Practice creative entrepreneurship strategies in teams.
- Attend speaker events and listen to successful entrepreneurs' insights.

Real Estate Club

October 2022-Present

High Point University

- Discuss the current real estate market and the cycling trends of the market.
- Collaborate in groups and break down values of currently listed properties.
- Attend speaker events and listen to leaders in the industry.

C.O.D.E. Club

October 2022-Present

High Point University

- Share personal projects with others and discuss new project ideas.
- Work together to solve problems on websites like LeetCode and HackerRank.
- Compete against each other to write programs in a fast and memory-efficient manner.

Cybersecurity Club

October 2022-Present

High Point University

- Discuss cyber risks, vulnerabilities, and reverse engineering strategies.
- Discuss future cyber risks with technology breakthroughs like quantum computing.
- Participate in cyber competitions.

Investment Club

October 2022-Present

High Point University

- Discuss the stock market, investment strategies, and the current economic environment.
- Continue the club's portfolio and discuss week-to-week adjustments.
- Practice due diligence and present stocks of interested companies.

Honors Program

August 2021-Present

High Point University

- Participate in an academic and collaborative community alongside other scholars.
- Take curated and intensive courses as a substitute for typical Gen Ed requirements.
- Participate in unique learning experiences such as research projects and studying abroad.