Troy Kubanka

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SUMMARY

Dedicated and ambitious professional passionate about software development and analytics. 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, SQL Database Manager, phpMyAdmin,
  - Python
  - JavaScript
  - PHP
  - Ruby & Ruby on Rails
  - Swift
  - CSS
  - HTML
  - UNIX
  - VI
  - Assembly
  - Raspberry Pi
  - Machine Code
- **Data Analysis**
  - R & RStudio
  - Oracle Analytics, Oracle Analytics Cloud
  - Python
  - Power BI
  - Microsoft Excel
  - Financial analysis
- **More**
  - Microsoft 365 Products
  - Google Workspace Products
  - Teamwork, Communication, Collaboration
  - Time Management, Project Management
  - Emotional Intelligence
  - Critical Thinking, 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
- Collaborate in software projects and work 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.

MAJOR COURSES

Advanced Programming with Data Structures
Advanced Programming with Algorithm Development
Web Technologies & Full Stack Development
Database Systems
Computer Systems
Discrete Structures
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

Career Essentials in Generative AI

- Issued by Microsoft

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.

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.