Zachary Kornbluth

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Experience

Horizon Media   2025-present
AI Consultant - Freelance   *Remote*
- Researched LLMs including Gemini and ChatGPT, leveraging internal data to automate company analysis
- Tested LLM capabilities by uploading proprietary content to accurately retrieve and analyze data

Epic Systems   2021-2023
Software Developer   *Verona, WI*
- Wrote backend C# and frontend TypeScript code to display pending charges on procedure forms
- Developed reusable build utilities to automatically assign orthopedics questionnaires to patients
- Built customer facing storyboard display section for rheumatology specialty, enhancing patient case tracking
- Created process to transfer saved macros between released and custom forms, reducing manual reconfiguration
- Tested 50+ development items to ensure code quality and compliance with quality assurance standards
- Incorporated customer feedback into priority development list

Amazon   Summer 2020
Software Development Engineer Intern   *Remote*
- Created process to extract Python code from Jupyter notebook, improving code management and reusability
- Wrote Python package to automate bundling of code and shipping to review

Amazon   Summer 2019
Software Development Engineer Intern   *Nashville, TN*
- Created software package to standardize permission models across two web services
- Developed set of 17 Java APIs to act as an access layer between database and web service

Exiger   Summer 2018
Tech Intern   *New York, NY*
- Conducted quality assurance of 3000 results from data scraping software, ensuring data accuracy and integrity
- Tested survey platform software and created 65 surveys on the new platform

Education

Northwestern University   *Evanston, IL*
Bachelor of Science: Computer Science, minor in Data Science (2021)
Relevant Coursework: Fundamentals of Computer Programming, Data Structures and Management, Applied
Econometrics, Human-Computer Interaction, Databases, Programming Languages, Natural Language Processing

Leadership

Northwestern Football Analytics Team
Volunteer Analyst   2018-2021
- Wrote Python scripts to fetch play-by-play data from RESTful API and generate reports on opposing teams

USFirst FTC Robotics
Team Captain   2014-2017
- Founded and led team to CT and NY state competition finals

Skills, Certifications, and Activities

Skills: Python, R/tidyverse, .NET/C#, Java, JavaScript, TypeScript, SQL, HTML5/CSS3, React, Git, SVN, Tableau, JSON
Certifications: Salesforce Certified Tableau Desktop Foundations, University of Maryland AI and Career Empowerment
Activities: USTA Adult Team Tennis, World Cube Association Speedcubing Competitions