Alana Brooke Zinkin

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alanazinkin.github.io/PersonalWebsite/

EDUCATION

Duke University | Durham, NC **August 2022 - May 2026**

B.S. in Computer Science | Innovation & Entrepreneurship Certificate GPA: 4.0/4.0

SAT Score: 1580 (Math 800/Verbal 780), National Merit Scholarship Recipient

EXPERIENCES

Deloitte **Arlington, VA**

Discovery II GPS Consulting - Solutions Engineer June 2024 - August 2024

- Consulted for a social media company post-merger by analyzing client pain points, product goals, target customers, and financial issues during a two-week case simulation
- Presented recommendations, including a brand refresh, new marketing campaign, improved company communication channels, and enhanced cybersecurity measures to founders based on client feedback
- Led daily stand-up meetings to set goals, delegate tasks, and motivate the cross-functional intern team
- Designed Salesforce Analytics dashboards using Tableau based on user stories to highlight key metrics for DOD military officials, enabling informed, data-driven decisions
- Trained co-developers on Salesforce Analytics for future dashboard development and streamlined the team's pre-developed Salesforce data model, ensuring smooth product lifecycle management

Palantir **Washington, D.C.**

Launch Program March 2024

- Accepted into selective Launch Program to shadow Palantir professionals & learn how to leverage Palantir's Foundry platform and Artificial Intelligence Platform (AIP) through interactive, hands-on workshops
- Lead team of Launchers to develop a Foundry application for pandemic preparedness by tracking vaccine development & distribution with a focus on user experience

Duke University Computer Science Department **Durham, NC**

Data Structures and Algorithms Teaching Assistant August 2023 - Present

- Lead weekly discussion sections of 25+ students to reinforce learning
- Host evening office hours to provide academic support and address student knowledge gaps
- Attend weekly TA meetings to grade assignments, discuss student progress, and iterate on course development

Duke in Silicon Valley **San Carlos, CA**

Student Consultant for Allergood May 2023 - June 2023

- Engaged in course, "Building and Sustaining an Enterprise," learning from industry professionals about design thinking, prototyping, product management, customer empathy, value-based negotiation, and venture financing
- Consulted for start-up, Allergood, by creating user personas, researching competitors, conducting stakeholder interviews, and collaborating in teams to propose meal recommendation algorithm

Town of Huntington **Huntington, NY**

Tennis Instructor June 2022 - August 2023

- Instructed private tennis lessons, clinics, and group classes for participants of various ages and skill levels
- Collaborated alongside instructors to curate engaging lessons focusing on technique refinement and match play

SKILLS

Technical: Python, Java, SQL, XQuery, C, HTML, CSS, R, Javascript, MongoDB, LaTex, React.js, Flask

Dev Tools: Git, GitHub, Salesforce, Tableau, Agile/Scrum   **Design:** Adobe Photoshop, Figma, Digital Photography

SELECTED PROJECTS

Personal Website | React.js, Javascript, CSS, HTML | Designed and developed a personal website

Amazon Storefront | SQL, Python, Flask | Created and designed storefront where users can buy and sell products

Store | C | Simulates operations of a store manager such as restocking aisles and fulfilling orders

Route | Java | Routing service representing United States highway network as graph; calculates routes and distances

ACTIVITIES

DTech (**Interest Group VP & Summer Scholar**), FEMMES + Connect, (**Exec Board Member**), Blue Devils vs Cancer, Created mobile application "MindOverMatter." currently available in iOS app store (**Founder**), Alpha Phi

RESEARCH

Trait Mindfulness and Social Support Predict Lower Perceived Stress Burden in Patients Undergoing Radiotherapy; Published in *Advances in Radiation Oncology* https://doi.org/10.1016/j.adro.2024.101546