

# Alana Brooke Zinkin

631-923-5523 • alanazinkin@gmail.com • linkedin.com/in/alana-zinkin-3245b01b1 • github.com/alanazinkin • 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

**Study Abroad** | **New York University** | Florence, Italy

**August 2024 - December 2024**

## EXPERIENCES

### Capital One

**McLean, VA**

*Product Management Intern*

June 2025 - August 2025

- Developed PRD and product roadmap to enhance a two-factor authentication technique, mitigating financial fraud risks
- Redesigned a UX by conducting user research and analyzing customer pain points to reduce friction and increase successful authentications from 80% to 90% for millions of customers
- Designed and launched concept tests with 30+ customers to validate prototypes and gather actionable feedback
- Lead and aligned design, research, and engineering teams to ideate, prototype, and build a more intuitive UI

### Deloitte

**Arlington, VA**

*Government & Public Services Solutions Engineer*

June 2024 - August 2024

#### Client Work

- Designed Salesforce Analytics dashboards using Tableau based on user needs to highlight key logistics metrics for 140 DOD military officials, enabling informed, data-driven decisions
- As primary product owner and sole license-holder, independently learned Salesforce and Analytics Studio
- Streamlined the team's Salesforce data model, ensuring smooth product lifecycle going forward

#### Case Simulation

- Led cross-functional team of 10 interns by holding daily stand-up meetings, setting goals, and delegating tasks
- Analyzed social media company's target customers and financial issues and presented recommendations to founders

### Palantir

**Washington, D.C.**

*Launch Program*

March 2024

- Selected for competitive Launch Program to shadow Palantir professionals & leverage Palantir's Foundry and Artificial Intelligence Platform (AIP) through interactive, hands-on workshops
- Led team to develop and design Foundry application for tracking vaccine development & distribution

### Duke University Computer Science Department

**Durham, NC**

*Data Structures and Algorithms Teaching Assistant*

August 2023 - Present

- Teach weekly discussion sections of 25+ students to reinforce learning, host office hours to address knowledge gaps
- Attend weekly meetings to grade assignments and iterate on course development for Duke's largest CS course

### Duke in Silicon Valley

**San Carlos, CA**

*Student PM Consultant for Allergood*

May 2023 - June 2023

- Led product development for start-up, Allergood, by creating user personas, researching competitors, conducting stakeholder interviews, and collaborating in teams to propose a meal recommendation algorithm
- Designed mobile app Figma wireframe to effectively communicate key recommendations to founder

## LEADERSHIP

**DTech Career Fair VP:** Oversee employer and student outreach, event logistics and finances, and marketing to connect 300+ tech students with industry opportunities; organize recruiting prep workshop prior to event to build student confidence

**DukeLine Peer Health Coach:** Deliver anonymous, text-based mental health care to thousands of Duke students & alumni

## SKILLS

**Technical:** Java, Python, JavaFX, SQL, C, HTML, XML, CSS, R, Javascript, XQuery, LaTeX, React.js, Flask

**Dev Tools:** Git, Salesforce, Tableau, Agile/Scrum

**Design:** Figma, Adobe Photoshop, Digital Photography

## TECHNICAL PROJECTS

**Game Engine + Editor** | Java, JavaFX, CSS, XML | Scrolling platform engine & editor for games like Doodle Jump

**Cell Society** | Java, JavaFX, XML | Simulates variety of Cellular Automata models with different rules and displays

**Breakout** | Java, JavaFX, CSS | "Breakout" game with multiple levels and power-ups

**Amazon Storefront** | SQL, Python, Flask, CSS | Storefront where users can buy and sell products

## 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>