

# Adrian Clement

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## Education

### Pomona College, Claremont, CA, USA

May 2026

Computer Science Major • Chemistry Minor

GPA: 3.95

**Awards:** Pomona Scholar • Two-Time NCAA All-American Honors • NCAA Academic All-American • Team & Conference Record Holder

**Activities:** Varsity Swimming • P-ai SWE Project Club Member • Teaching Assistant for Introductory Computer Science & Chemistry Courses • Claremont Colleges Library Services Associate

**Relevant Coursework:** Intro to Computer Science in Python • Discrete Math & Functional Programming • Data Structures & Advanced Programming in Java • Data Analysis for Life Sciences in Python • Linear Algebra • Calculus I, II, & III • Introduction to Statistics

### Lincoln High School, Portland, OR, USA

June 2021

Full International Baccalaureate Diploma

GPA: 4.40

**Awards:** Valedictorian • President Award for Educational Excellence • USA Swimming Scholastic All-American • Four-Time Varsity Letter

## Skills

**Programming Languages:** Proficient in Java, Python, Haskell, HTML5, & CSS • Experience with JavaScript, LaTeX, & R

**Frameworks/Libraries:** Proficient with JSON, JUnit, BeautifulSoup4, Streamlit, Pandas, NumPy, & Plotly • Experience with SQL, React.js, Node.js, Selenium, & Matplotlib

**Technologies:** Proficient with VS Code, PyCharm, Git/GitHub, Jupyter Notebook, & Overleaf • Experience with BitBucket & RStudio

## Projects

- **p-DormLife:** Leveraged React and Pandas to develop a website centralizing the housing needs of students at the 5C Colleges
- **Darwin Game:** Utilize Java and OOP principles to design a 2D survival game demonstrating theories of natural selection
- **Personal Website:** Implement React and Node.js to create a personal portfolio website
- **Population Genetics Simulator:** Employ Streamlit and data analysis principles to simulate allelic frequency in a finite diploid population for a certain number of generations

## Experience

### Privacy and Security Lab, Computer Science Department, Pomona College, CA, USA Research Assistant

May 2023 – Present

- Lead user-centric studies to evaluate understanding and misconceptions of app tracking and data privacy labels across iOS and Android platforms
- Leverage Selenium and BeautifulSoup for comprehensive large-scale web scraping of over 1,000,000 iOS and Android app store privacy labels
- Employ Object-Oriented Programming principles to construct customized classes that streamline survey data analysis and cleaning for over 100,000 data points
- Co-author of: "Prevalence and Understanding of Technical Terms in App Privacy Labels" - (In submission to PETS: Privacy Enhancing Technologies Symposium)

### Adidas Employee Store, Portland, OR, USA Sales Associate

Jan. 2022 – July 2022

- Assist in the sale of Adidas products to company employees and VIP guests
- Trained in store products, services, point-of-sale processes, sales techniques, and retail standards

### Portland Aquatic Club, Portland, OR, USA Assistant Swim Coach

Sep. 2021 – Dec. 2021

- USA Swimming Coach Certification (2021-22)
- Devise and implement training programs and coach swimmers of varying ages and skill levels on club swim team
- Ensure safety of swimmers with Adult & Pediatric First Aid-CPR-AED, Concussion Training, & Swim Safety Training Certifications