

KIRA COPE

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COMPUTER SCIENCE STUDENT AT UNIVERSITY OF CALIFORNIA, BERKELEY

Passionate about coding, artificial intelligence, and endangered species conservation

Data Structures | Data Cleaning | Java | Python | Salesforce | IntelliJ | Jupyter Notebook | Canva | PowerPoint

PROFESSIONAL EXPERIENCE

xG ANALYTICS, Huntington, WV

Helping companies turn data into business intelligence

Intern

06/2021 – 08/2021

- Wrote Python programs to manipulate data for easier analysis in Excel
- Created objects and workflows in Salesforce to facilitate business analysis
- Normalized and cleaned data to ensure data integrity and deliver business insights for companies across Appalachia

EDUCATION

UNIVERSITY OF CALIFORNIA, Berkeley, CA – Computer Science (degree in progress, expected Spring 2024, GPA 3.34)

- Projects include game development including artificial intelligence using the Minimax data structure; GitHub-like version control; simulated Enigma machine

WINFIELD HIGH SCHOOL, Winfield, WV – Graduated 2020, GPA 4.32

HONORS AND AWARDS

National Center for Women & Information Technology – Aspirations in Computing award for State of WV (2020)

FIRST Robotics – Dean's award finalist, awarded to two students in a field of 60 robotics teams from 9 states (2019)

Girls Scouts – Lifetime member; Gold, Silver, and Bronze Award recipient (Gold Award is similar to Eagle Scout)

ACTIVITIES AND COMMUNITY INVOLVEMENT

Cal Band Percussionist (Berkeley, CA, 2020 – Present)

FIRST Robotics (Putnam Area Robotics Team, Winfield WV, 2015 – 2020) – Outreach Captain, Scouting Captain, Programmer

- **Captain of STEM outreach** effort that trained West Virginia elementary school and community educators who teach nearly 3,500 students per year.
- **Introduced robotics to 17 elementary schools** plus 14 conservation districts covering 46 of West Virginia's 55 counties with a goal of improving STEM education and inspiring students to become WV's next generation of technologists.

Girl Scouts (Winfield, WV, serving the community since 2009)

- **Voice of the Cheetah** – One of 12 Girl Scouts from US and 3 from Africa selected to represent West Virginia and the US in a two-year cheetah conservation program in Washington DC and Namibia, Africa.
- **WV Delegate** – Represented troop and state at Black Diamond Girl Scout Council annual meeting (2 years).

WV Treble Makers (Scott Depot, WV, 2011 – 2020) – Inaugural choir member, Director's Assistant, performed in several states and Carnegie Hall, performed community service.

4-H (Winfield, WV, 2011 – 2020) – Teen Leader, held various club offices, and performed community service.