

LISA DUNLAP

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EDUCATION **WESTLAKE HIGH SCHOOL, AUSTIN, TX**
High School Diploma, May 2017

UNIVERSITY OF CALIFORNIA, BERKELEY, BERKELEY, CALIFORNIA
Computer Science and Applied Math Candidate, Expected graduation, May 2020

- GPA: 3.758
- On 3 year graduation plan

WORK EXPERIENCE **RIVET NETWORKS, AUSTIN, TX**
Software Intern, May 2015 - Sep 2016

- Quality assurance
- Maintaining website, mostly front end
- Programmed the systems auto update system
- Collaborated on various coding projects

ALPHA GUARDS, AUSTIN, TX
Lifeguard Manager, Apr 2014 - Oct 2016

- Pool manager
- Lifeguard and swim instructor

UC BERKELEY, BERKELEY, CALIFORNIA
Math Reader, Jun 2018 - Present

- Grade homeworks for math 54 (linear algebra and differential equations) and math 128a (numerical analysis)

PROFESSIONAL EXPERIENCE **DOUGLAS EIFLER, LAWRENCE, KS**
Biological Analyst, Jun 2015 - Present

- Part of two research projects in Cabo Mexico and Colorado Springs, currently working on the write-ups for publication
- Designed methods for research projects on movement ecology of lizards
- Created a data collection application to be used in field research

RISE LAB , BERKELEY, CALIFORNIA
Undergraduate Researcher (Explainability), Sep 2018 - Present

- Working under Richard Liaw (Berkeley Ph.D. candidate)
- Exploratory research on explainability in image classification, with an emphasis on the applications of Grad-CAM, Mask-RCNN, and GAIN.

ADDITIONAL SKILLS

- Fluent in Python, Java, Ruby, C, SQL, HTML/CSS, and Matlab
- Experienced in frontend and backend web design
- Experience in application of data structures and CNNs

PROJECTS

- GitHub: lisadunlap
- Colorado Checkered Whiptail project on First Passage Time and Turn Angle (still in progress)
- Flag Design Website (vexillologyners.com)
- Version control system
- Data Collection App

REFERENCES

- Douglas Eifler: doug.eifler@gmail.com
- Jocelyn Bixler: jbixler@whs.edu