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R I N A L U

EDUCATION

University of California, Berkeley   Berkeley, CA
Bachelor of Arts, Cognitive Science & Computer Science   August 2017—Present
- Relevant coursework: Computer Security, Computer Graphics, Computational Photography/Computer Vision, Artificial Intelligence, Databases, Efficient Algorithms and Intractable Problems, Data Structures, Discrete Math & Probability Theory, Computer Architecture, Designing Information Systems & Devices, Web Design

SKILLS

Python, Java, C, HTML/CSS, Javascript, SQL, MongoDB, LaTeX, RISC-V, C++, Go, AutoCad, PyTorch, Figma

NOTABLE PROJECTS

- **Automatic Facial Keypoint Detection**—Implemented neural networks in Pytorch and wrote custom dataloaders for automatic keypoint detection. Used Python in Jupyter Notebook and Google Colab.
- **MOOCbase**—A Java-coded functional relational database with concurrency and recovery made in a team of two.
- **Gitlet**—A Java-coded version control system based off Git. Collaborated in a team of four.
- **Classify**—Used RISC-V (assembly-level code) to implement basic neural networks to classify handwritten digits.
- **Pacman**—Designed and implemented AI algorithms utilizing reinforcement learning, Q-learning, and Bayes Nets.

EXPERIENCE

The Gopnik Lab   Berkeley, CA
Cognitive Development Research Assistant   Sept. 2019—present
- Investigate the relationship between cognitive development and artificial intelligence.
- Utilize 3D maze programs from DeepMind lab to record the exploration and learning rate data of children.
- Test children's abilities to learn to write and recognize letters to inform faster machine learning methods.
- Conduct human subject research at various local schools and museums. Collect and analyze data.

SUPERB Productions   Berkeley, CA
Booking Manager   Sept. 2017—present
- Oversee a team of 25 to negotiate with booking agencies, budget expenses, and write performance contracts.
- Organize and market free concerts and community events for students, with audiences of up to 5,000.
- Lead the transition to virtual platforms, keeping events free and accessible for students.

UC Berkeley Computer Science Dept.   Berkeley, CA
CS Mentor for CS 61A   June 2018—Aug. 2019
- Taught Python in individual and small classroom settings for 10 hours a week.
- Prepared worksheets and lesson plans, assisted in labs, and provided support in office hours.
- Provided feedback for 90 student projects on code composition and efficiency.

Assistant Instructor for CS 370   Aug. 2018—Dec. 2018
- Designed and updated the syllabus to train 300 students to provide ~2000 hours of free tutoring.
- Taught computer science tutoring techniques, graded papers, and wrote detailed reviews of student reflections.
- Facilitated and lead lectures on topics such as unconscious bias, Bloom's taxonomy, and growth mindset.

UC Berkeley English Undergraduate Journal   Berkeley, CA
Editor   Aug. 2018—May 2019
- Worked one-on-one with selected writers to help them develop their skills and polish their papers for publication.