

Daniel A. Duazo

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Education

University of California, Berkeley

B.A. Computer Science; GPA: 3.335

Berkeley, CA

May 2018

- Relevant Coursework: Efficient Algorithms and Intractable Problems, Data Structures, Computer Architecture, Discrete Mathematics and Probability Theory, Economics

Experience

UC Berkeley Dept. of Electrical Engineering & Computer Science

Academic Intern

Berkeley, CA

Jan 2015 – present

- Assisted the Computer Science 10 (Jan 2015 – May 2015) and Computer Science 61A (Aug 2015 – present) course staff
- Attended to students' questions regarding elementary computer science theory and concepts (CS10, CS61A)
- Proctored reading quizzes and in-lab examinations (CS10)
- Reviewed and contributed to the improvement of course materials released to students biweekly (CS10)
- Worked in collaboration with the TAs and other academic interns to answer questions during office hours (CS61A)

University of California Athletics Department

Sports Medicine Intern

Berkeley, CA

Aug 2015 – present

- Worked under the supervision of team physicians and athletic training staff to provide modern training, progressive treatment and rehabilitative care to student-athletes – specifically to players on the men's basketball team

Skills

Programming Languages Java, Python, C, Scheme/LISP, SQLite

Web Development HTTP/CSS, Bootstrap

Tools Git, Eclipse IDE, L^AT_EX, Adobe Photoshop, Adobe InDesign

Spoken Languages Basic understanding of Spanish and Tagalog (Filipino)

Projects

Gitlet (Java) Implemented a version-control system similar to Git capable of committing, branching, and merging.

Lines of Action (Java) Created an AI that uses game trees and alpha-beta pruning to play the board game Lines of Action. The AI is capable of making legal moves and can find forced wins within a small number of moves.

Campus Activities

Institute of Electrical and Electronics Engineers (IEEE) Member of the Industrial Relations (Indrel) Committee. Assisted in planning info sessions, tech talks, and the UCB Startup Fair for the EECS student body.

Theta Delta Chi Fraternity Participated in philanthropy events throughout my time as a brother, mainly with Autism Speaks U. Assisted in the planning and organization of several annual events including the Autism Speaks U 5K Walk/Run and the TDX House of Horrors.