PARKER GREY ADDISON
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ACADEMICS

Redwood High School   - Larkspur, 2013-17
- GPA: 4.41
- Founder of Redwood Economics Club
- First Place 2015 Bay Area Science Fair, invited to CSSF

UC San Diego   - La Jolla, 2017-21
- GPA: 3.88, Provost Honors
- B.S. in Data Science, Minor in Business
- Relevant Courses: *Theory of Data Science* (incl. implementation of a Naïve Bayes Classifier)*, Data Structures & Algorithms, Discrete Math, Probability, Statistics, Product Management & Marketing*

EXPERIENCE

Undergraduate Research Fellow at the ***Halıcıoğlu Data Science Institute***   - UC San Diego, 2018-19
- Leading a team of three other undergrads as a project manager and full-stack developer
- Designing and implementing a Python-based web app to generate grocery lists
- Scraping nearby grocery store inventories and storing in a scalable PostgreSQL database
- Optimizing cost and nutritional values using linear programming
- Researching recommender systems, algorithm scalability, data cleaning and pre-processing

Instructional Assistant and Head Tutor at **UC San Diego** for DSC 10   - UC San Diego, 2018
- Developed discussion materials and lead discussion sections for Principles of Data Science
- Tutored students online and during office hours
- Created, revised, and graded homework, lab assignments, and tests
- Proctored exams, organized course resources, contributed to GitHub repos

Machine Learning Engineer at **Sapie Space** startup   - La Jolla, 2018
- Implemented Eclat algorithm, cleaned data sets, extracted and engineered features
- Researched mathematics behind social influence mining, association rule learning

Participant in **ASA DataFest** at Chapman University   - Orange County, 2018
- Developed a ranking system using feature extraction to recommend the most attractive cities based on a desired job industry
- Pitched our idea to a panel of judges, our team represented UC San Diego

Data Analyst for **SommSelect Inc.**   - Napa, 2017
- Crunched massive databases of wine offers to find highest profitability
- Communicated with executives to determine exact needs

Intern at **Ameriprise Financial Inc.**   - San Rafael, 2017
- Overhauled client databases and overview pages within Excel
- Generated performance reports on simulated investment portfolios

ABILITIES

Tech Savvy
- Proficient in **Python**; comfortable with Java, HTML, CSS, JavaScript, SQL, RStudio; capable learner
- Python packages: *pandas, NumPy, matplotlib, SciPy, scikit-learn, Keras, PyTorch, Flask, Selenium, BeautifulSoup4, Psycopg2, SQLite3, Boto3, PuLP*
- This year: getting my hands dirty with Deep Learning, AWS technologies, and Node.js applications

Creative Spark
- Enjoy **thinking critically** about problems and potential solutions
- Open minded, enjoy diverse viewpoints and taking on new challenges

People Skills
- Good at **learning, teaching, and engaging** in productive conversations
- Active team member, even when assuming a management role
- Appropriately leverage multiple perspectives to tackle problems and communicate effectively