

# Spencer Pham

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## EDUCATION

**University of California, Davis** (B.S. Computer Science)

Sept 2016 – Dec 2020

- Major GPA: 3.671 | GPA: 3.5 | Dean's List Recipient (x3)
- Relevant courses: Web Programming, Software Engineering, Operating Systems, Machine Learning

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## PROJECTS

**10x Developer Analysis**

Sept – Dec 2020

- Published research paper analyzing code patterns and habits in elite developers versus average ones
- Gathered 14,000 developers, collected 100,000 lines of Python code from different repositories, and made 50,000 calls to Github's API
- Processed 1.6 TB's of GitHub data to analyze many users' statistics, such as commits, issue events, and pull request history
- *BigQuery, GitHub API, GHTorrent, Python*

**Restaurant Tinder**

May – June 2020

- Developed an app that selects a restaurant for a group of users via a Tinder-style mechanic
- Designed the entire frontend with a Tinder theme
- Coordinated with a team on server-side communications (such as websockets and databases)
- *Yelp API, sqlite3, Node.js, HTML/CSS, JavaScript*

**Portfolio Website**

Feb – March 2021

- Created an animated, responsive single page application to feature all my projects and works
- *React, styled-components, HTML/CSS, JavaScript*

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## EXPERIENCE

**Front End Development (Manetti Shrem Museum of Art)**

Jan 2020

- Developed the entire front page for the Manetti Shrem Museum, featuring several works of art
- Consulted with client to direct designs and development
- *HTML/CSS, Javascript*

**Full Stack Development (RPN Calculator)**

Sept – Oct 2020

- Developed a cross-platform application tailored for manipulating and grading lists of assignments
- Managed a team by assigning each team member a role, such as development or documentation
- Supervised their progress and created weekly deadlines to meet client expectations
- *Codename One, Java, Agile*

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## SKILLS & ACTIVITIES

**Programming Languages:** Python, Java, HTML, CSS, JavaScript, C++, MATLAB

- Familiar: SQL, C

**Tools and Frameworks:** React, Express.js, Node.js, Git

**Hackathons:** HackDavis 2020

**Extracurriculars:** NCAA D1-AA Rugby, Wrestling Coach