**Dylan Alexander Kertson**

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Dedicated technology engineer with computer science and business experience holding Bachelor of Science in Computer Science and Engineering and working in collaborative project team environment for developing applications. Avid developer with business and entrepreneurial skills, able to develop technologies and applications for starting a new online business.

WORK EXPERIENCE

DinnerPal – Phoenix, AZ (May 2020 – Present)

**Co-founder**

* Co-founded dinnerpal.org, a board game that turns dinner time for kids into a fun and rewarding experience that encourages them to finish their plate. The site is serving customers and generating revenue.
* Designed and developed dinnerpal.org site using Django, Bootstrap, HTML, CSS, JavaScript, and Python. The site offers user authentication, subscription payments via Stripe, and profile page with the ability for modifying information stored both on database as well as on Stripe’s servers.

Iridium Communications – Chandler, AZ (June 2019 – Aug 2019)

**Software Engineer Intern**

* Worked as a member of the scrum development team utilizing Atlassian application suite using Agile methodology. Developed confluence plugins to increase team efficiency and aided in transitioning users in utilizing Atlassian application suite.
* Coordinated, participated and contributed to various scrum and team meeting discussions for developing and rolling out software. Utilized JavaScript, Java, and HTML.

Arizona Rubber Co. – Phoenix, AZ (2012 – 2017)

**Product Distributor**

* Worked part time and gained hands-on insight and experience with innerworkings of a business. Worked diligently to promote company’s business, analyzing trends to introduce efficiencies into the existing product distribution system while managing inventory and invoicing applications and participating in enforcing positive relationships between clients and management.

Santa Clara University – Santa Clara, CA (2016 – 2020)

**Project Member**

* Winner of Design Presentation Award for Senior Design Project.
* Engineering Lab’s Evaluation System Project – Created a website to allow engineering students to evaluate their teaching assistant’s performance. Utilized typescript/angular, HTML/CSS, nodeJS, and Oracle SQL.
* Engineering Lab’s Electric Hydrofoil Monitor Project – Developed a Web app for monitoring data related to RMP, speed, torque and many other data points derived from onboard sensors of DIY hydrofoil. Organized and displayed data in an easy to read format with various graphs and visual representations. Utilized Django, HTML, CSS, and JavaScript.
* Compiler Project - Built a limited functionality Intel x86 compiler in C++. Capable of compiling a subset of C called ‘simple C’ to executable machine code.

EDUCATION

**B.S. in Computer Science and Engineering**

Santa Clara University, Santa Clara CA (September 2016 - June 2020)

TECHNICAL SUMMARY

C, C++, Python, JavaScript, HTML, CSS, ARM Assembly, MySQL, Node.js, Swift, PHP, Java, Django, Bootstrap, Angular, React, jQuery