SETHMI KACHCHAKADUGE

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Education

University of California, Davis **Davis, CA**
B.S. Computer Science *June 2021*
B.S. Cognitive Science, Computational Emphasis

PG&E STEM SCHOLAR | Computer Science | Full-Scholarship
Activities: Alpha Kappa Psi Co-ed Business Fraternity, Computer Science Club, Research Assistant (ACE Project Autism), Engineering Peer Advisor, Consult Your Community, SacHacks, RTC Fellow
Coursework: Object Oriented Programming, Data Structures, Algorithms, Computer Vision, Embedded Systems, Operating Systems, Computer Architecture, ML, AI, Robotics, Discrete Math, Combinatorics, Technical Writing, Data Science, Entrepreneurship

Skills

C++, C, Java, Assembly, JSON/XML
Python, JavaScript, SQL, HTML/CSS, Node

Anaconda, RPA, Google Cloud Suite, Jira, Tableau
Product Management, Technical Project Management

Professional Experience & Accomplishments

Incoming TPM Intern | Google Cloud *Jun. – Sept. 2019*

Full Stack Engineer | SethmInc Freelancing *Jun. – Sept. 2019*
· Web Application development for local clients using Firebase and Google Cloud Suite database solutions.
· IOS Application development and testing for local clients with XCode, Swift and AWS.

TPM Intern | Google Brain *Jun. – Sept. 2019*
· Designed HMI for optimization of operations for work cell and lead the development of product with engineers to 1st iteration.
· Identified key metrics and automated retrieval of data from logs to weekly presentations and relevant dashboards for insight.
· Led execution of experiments to identify key discrepancies in product performance within tech stack and developed solutions.

Software Developer | Zoho Corporation *Jun. – Aug. 2018*
· Built CRM extension applications for customer specifications utilizing Deluge programming language.
· Developed ToDoList application for customers and lead synchronization between platforms with REST APIs, etc.
· Optimized Zoho CRM Suite application for first series of customers based on KPIs from user testing.

Research Intern | ACE Grant (Autism Center for Excellence) *Jan. 2018 – Jan. 2019*
· Conducted over 30 EEG capping trials with specialized algorithms for each trial while maintaining a controlled environment.
· Conducted over 40 eye tracking trials on typically developing children for age matching protocol with minimal error.

Peer Advisor | College of Engineering *Sep. 2018 – Jan.2019*

Projects

Founder of #R Application | Y Combinator SS 2018 *Aug. – Oct. 2018*
· Developed framework for mobile application to optimize networking using AI at large scale events.
· Received certificate of Y Combinator school completion for potential launch. (Present-Terminated)

Co-Founder | FemHacks *Oct. 2016 – Mar. 2017*
· First all-female hackathon in the Bay Area at Mulesoft headquarters as a project for Stanford's GTGTC.
· Facilitated event and organized sponsors, swag and hacking competition for over 200 high school girls.

Awards

1st Place West Regional Accenture Innovation Challenge	2nd Place – FIRST Robotics World Championships
1st Place PwC Case Competition	National Merit Scholar PSAT
2nd Place AT&T Case Competition	Rotary International Paul Harris Fellow

Interests

Buddhism, Meditation, Happiness & Mindset Probing, Music Covers w/Violin & Piano, Tennis, Poker, and Value Investing.