[Vineeth Yeevani|

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Skills & Abilities

Server side languages: Ruby, PHP, NodeJS, ExpressJS, AngularJS. Scripting Languages: Python, TCL

Electrical Engineering: Power/Drive Circuits, Motor Controllers, CANBUS Control systems

Experience

Team Leader — Electric super-capacitor Motorcycle   **[May] — [Present]**

- Used super capacitors and advanced power switching systems to increase electric range by 50%
- Built state of the art motor controller capable of 52V at 300A for $300

Engineering Intern — Cisco Systems   **[June] — [Aug 2016]**

- Wrote software to automate build processes of Polaris; used by 1000 developers within Cisco
- Used NodeJS, AngularJS to push build commands onto Cisco's internal build systems and display test cases pass/fails and build time errors; used daily by 100 developers

Team Leader — Bay Area Science Fair   **[Aug] — [Feb 2016]**

- Built graphene-based electrical generator using flowing salt water; generated 0.3V at 0.01A
- Proved scalability of graphene based inks using sonication technique to generate 95% pure graphene in 8 hours at arbitrary size

Team Leader — Conrad Innovation Challenge   **[Aug] — [June 2015]**

- Built fishing-line based exo-skeleton using EKG-sensors and micro-controllers capable of producing 30 lbs. of force
- Entered in entrepreneurship contest and went to finals in Kennedy Space Center

Education

UC Berkeley — Computer Science/Physics   **[Aug 2017] – [May 2021]**