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# PARAS ADHIKARY

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## EDUCATION

### PURDUE UNIVERSITY

*Computer Engineering | 3.05 GPA*

West Lafayette, IN

*August 2016-May 2020*

- Dean's List and Semester Honors Fall 2016
- Alpha Lambda Delta Phi Eta Sigma Honors Society

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## WORK EXPERIENCE

### SALESFORCE

*Software Engineering Intern*

San Francisco, CA

*May 2019-Present*

- Developed Full Stack application using Ember.js and Elixir.
- Interacted with the Github v4 GraphQL API.

### HEWLETT PACKARD ENTERPRISE

*Software Engineering Intern*

Houston, TX

*May 2018-April 2019*

- Created and published multipurpose, customer facing product comparison tool, using JavaScript and jQuery, improving user friendliness as well as easy cross team implementation of tool.
- Developed web applications in Grommet framework for React.js.
- Improved on Active Health System Viewer developing new logic to enhance error detection.

### PURDUE CAM<sup>2</sup> RESEARCH GROUP

*Researcher on Embedded Vision Team*

West Lafayette, IN

*August 2018-January 2019*

- Researched into forming a scalable pipeline to perform person re-identification on camera systems and efficiently store and retrieve feature vectors.
- Constructed low power embedded system on camera nodes by reducing power usage of Raspberry Pi 3 by decreasing I/O voltage and current and controlling clock speed.
- Enhanced power efficiency of pipeline with development of high performance algorithms to diminish power consumption.

### FIAT CHRYSLER AUTOMOBILES

*Active Chassis and Safety Systems Intern*

Auburn Hills, MI

*September 2017-December 2017*

- Assessed the performance of the ABS module across vehicle lines using vehicle analysis software.
- Found discrepancies in functionality of the electronic park break across vehicle lines and presented findings to working group.
- Communicated with suppliers about new software on component design to better understand how the breaking system works.

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## EXTRACURRICULARS

### PURDUE COLLEGE OF ENGINEERING

*Software Saturday's Chair*

West Lafayette, IN

*January 2018-Present*

- Taught lessons to college students on the topics of Full Stack and Android development.
- Contributed in development of basic messaging application and 2048 game replica.
- Worked on a team of mentors developing curriculums and choosing which topics to teach.
- Students were able to receive certificate of completion from Purdue College of Engineering.

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## PROGRAMMING LANGUAGES

Python, C, JavaScript, UNIX/Linux, SQL, HTML, CSS, Java

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## FRAMEWORKS

Ember.js, React.js, jQuery, React Native, Node.js

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