

# PARAS ADHIKARY

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## EDUCATION

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### PURDUE UNIVERSITY

*Computer Engineering | 3.07 GPA*

West Lafayette, IN  
August 2016-May 2020

- Dean's List and Semester Honors
- Finished top 5 in "The Boiler Startup Competition"

## PROGRAMMING LANGUAGES & FRAMEWORKS

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JavaScript, Python, C, C++, HTML, CSS, Java, UNIX/Linux, Ember.js, React.js, Node.js, Flask, MongoDB, SQL

## WORK EXPERIENCE

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### PURDUE COLLEGE OF ENGINEERING

*Software Saturdays Lead Software Developer*

West Lafayette, IN  
January 2018-Present

- Designed and taught lessons to college students on the about Web and Android development.
- Covered concepts of RESTful API's, Firebase, OAuth, React.js, and Express.js.
- Students are able to receive certificate of completion from Purdue College of Engineering.

### SALESFORCE

*Software Engineer*

San Francisco, CA  
May 2019-August 2019

- Developed Full Stack application to manage Github issues across 1000+ repositories (repos).
- Application was created to solve the problem of managing issues in both public and private repos that could not be triaged into the Salesforce internal issue management system (GUS).
- Tools used were Ember.js, Github v4 GraphQL API, Github and Heroku OAuth.

### HEWLETT PACKARD ENTERPRISE

*Software Developer*

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.
- Enhanced error detection for Active Health System viewer developing new logic.

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

*Embedded Software Researcher*

West Lafayette, IN  
August 2018-January 2019

- Researched into forming a scalable pipeline to perform person re-identification on camera systems and to efficiently store and retrieve feature vectors.
- Reduced power usage on embedded camera-Raspberry Pi 3 system by decreasing I/O voltage and current and varying clock speeds.

## PROJECTS

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### Phone E-Commerce Store

<https://react-phones-store.netlify.com>

- Developed front-end React.js application where user can add, remove, and purchase phones.
- Payment system used was the PayPal sandbox.

### Pokémon Poke-viewer

<https://pokemon-viewer-app.herokuapp.com>

- Developed front-end application in React.js using the Poke-API v2.
- Poke-viewer allows users to view and search Pokémon information.

### Bytecode Interpreter

<https://github.com/adhikary97/Bytecode-Interpreter>

- The interpreter reads the bytecode output by the compiler and executes it.
- Programmed in C++ to allow for integer, float, char, and short operations.

### YouTube Clone

[https://github.com/adhikary97/Youtube\\_Clone](https://github.com/adhikary97/Youtube_Clone)

- Developed Full Stack React.js application where user can login using Google OAuth-2.
- User can also search and play videos from the YouTube API V3, and data is stored in Firebase.