

---

# PARAS ADHIKARY

---

adhikary@purdue.edu  
224.944.7019

2501 Kestral Boulevard Apt J  
West Lafayette, IN 47906

---

## EDUCATION

---

### PURDUE UNIVERSITY

*Computer Engineering / 3.16 GPA*

West Lafayette, IN  
*August 2016-May 2020*

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

### SCHAUMBURG HIGH SCHOOL

*4.34 GPA (Weighted)*

Schaumburg, IL  
*August 2012-May 2016*

---

## WORK EXPERIENCE

---

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

*Researcher on Embedded Vision Team*

West Lafayette, IN  
*August 2018-Present*

- Researched into forming a scalable pipeline to perform person re-identification on camera systems. In addition to 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.

### HEWLETT PACKARD ENTERPRISE

*Software Engineering Intern*

Houston, TX  
*May 2018-Present*

- 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.
- Developing web applications in Grommet framework for React.js.
- Improved on Active Health System Viewer developing new logic to enhance error detection.

### FIAT CHRYSLER AUTOMOBILES

*Active Chassis and Safety Systems Intern*

Auburn Hills, MI  
*September 2017-December 2017*

- Evaluated, wired and built new breakout boxes for vehicle testing to streamline pin outs.
- Assessed the performance of the ABS module across vehicle lines using vehicle analysis software.
- Tested electric park break to streamline functionality across vehicle lines.
- 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.

---

## EXTRACURRICULARS

---

### PURDUE COLLEGE OF ENGINEERING

*Software Saturday's Mentor*

West Lafayette, IN  
*January 2018-Present*

- Taught students about Full Stack Development using HTML, CSS, SQL, JavaScript, and JQuery.
- Worked on a team of mentors deciding the curriculum and choosing which topics to teach.
- Instructed on web development allowing students to turn in projects for certificate in web development from Purdue College of Engineering.

### ENGINEERING PROJECT IN COMMUNITY SERVICE (EPICS)

*Design Team Lead / Information Management System (IMS)*

West Lafayette, IN  
*August 2016-May 2017*

- Managed 4 other team members and delegated tasks based on the deliverables requested by our community partners.
- Expanded database servers and added search functionality and filters to the EPICS Teams website.
- Communicated and presented project progress to multidisciplinary collaborators in meetings.

---

## SKILLS

---

C, JavaScript, JQuery, React, React Native, Python, UNIX/Linux, SQL, HTML, CSS