

# PARTH DESAI

(240) · 422 · 2761 ◇ parthdesai95@gmail.com ◇ parthgdesai.me

## EDUCATION

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### University of Maryland, College Park

*Sept 2013 - Dec 2016*

Bachelor's Degree, Computer Science. Departmental Honors

Minor in Entrepreneurship

Member of Global Scholars Program

Overall GPA: 3.50

## WORK EXPERIENCE

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### Fraunhofer Center for Experimental Software Engi. (CESE)

September 2015 - Present

*Software Engineering Research Intern*

*College Park, MD*

- Working for a non-profit applied research company on web applications
- Currently working on a tool to help employees easily manage their team's projects

### Hughes Network Systems, Inc

June 2015 - August 2015

*Intern*

*Germantown, MD*

- Redeveloped file inspection process which resulted in the engineering teams being able to communicate errors in documents faster and more accurately with each other.
- Created prototypes and showed them to clients, incorporated their feedback to redesign the web application.

### DiamondBack Newspaper, Inc

December 2014 - August 2015

*Web Developer*

*College Park, MD*

- Worked with a three man development team
- Designed brand websites for the Maryland Media Inc.
- Developed new skills with the Washington Post Page Builder software.
- Strengthened my HTML, CSS3, Bootstrap, and JavaScript skills

## TECHNICAL STRENGTHS

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### Computer Languages

Java (Oracle Certified), C, Ruby, Python, OCAML, Prolog

### Web Development

HTML5, CSS3, Javascript, JSP, PHP

### Databases

psql, sqlite3

### Frameworks

Jquery, Bootstrap/Skeleton, Rails

### Tools

Eclipse, Putty/WinSCP, Emacs/Vim, terminal, GIT, JIRA

## RELEVANT COURSEWORK

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CMSC131 & CMSC132 - Data Structures

CMSC330 & CMSC216 - Programming Languages

CMSC250 & CMSC351 - Algorithms

CMSC417 - Networks

CMSC424 - Database Design

MATH240 - Calculus 1,2,3

MATH241 - Differential Equations

STAT400 - Statistics