Param Bidja

Interested in building cool things.

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linkedin.com/in/parambidja in

EDUCATION

Honors Computer Science & Engineering
University of Connecticut

09/2015 – 05/2019   *4.0/4.0*

WORK EXPERIENCE

Software Engineering Intern
Amazon

05/2018 – 08/2018   *Seattle, WA*

- Team: Finance Technology

Summer Technology Analyst
J.P. Morgan Chase

06/2017 – 08/2017   *New York, NY*

- Developed intelligent UI & micro-services (in Java, Node.js, and Python) to automate Chase Digital's QA process. Full-stack & Agile development.

Undergraduate Teaching Assistant
UConn CSE Department

01/2017 – Present   *Storrs, CT*

- Instruct labs and mentor students through problem-solving & exam review sessions.
- Courses: CSE 2050 (Data Structures and Object-Oriented Design) & CSE 3666 (Computer Architecture)

Undergraduate Researcher
Laboratory of Machine Learning and Health Informatics

01/2017 – Present   *Storrs, CT*

- Develop machine learning based projects with Dr. Jinbo Bi (Department of Computer Science & Engineering).

Software Engineering Intern
Yale University

06/2016 – 08/2016   *New Haven, CT*

- Developed front-end and search enhancements to Yale University's Campus Map utilizing JavaScript, jQuery, & CartoDB.
- Designed and developed Amazon S3 file transfer client with single-sign on through SAML login.

SKILLS & TOOLS

`Python` `Java` `C` `JavaScript` `MIPS (assembly)`

`Bash` `Lisp (Scheme)` `SQL` `Git` `Unix` `CLI`

`REST APIs` `AWS Elastic Beanstalk` `Eclipse`

PERSONAL PROJECTS

Image Classifier ↗
- Developed web application for image classification using transferred learning

UConn Transportation Mobile App
- Developing Android application for UConn bus system with three other UConn students

EpiPing
- Designed and built a smart EpiPen using a Raspberry Pi which sends emergency alerts & location to medical personnel when using an EpiPen.

AlphaToe Modeling
- Built graphical modeling for open-source machine learning project known as AlphaToe

ACHIEVEMENTS

2nd Place - HackUConn 2017
Project: EpiPing

Homer Babbidge Scholar (Spring '17, Spring '18)
Earned a 4.0 GPA through an academic year

Oaklawn Scholar
Given by University of Connecticut Honors Program

Upsilon Pi Epsilon Honor Society for Computing Disciplines - Member
UConn CSE Honors society

Dean's List (all semesters)
Ranked in upper 25th percentile in School of Engineering

INTERESTS

`Systems Programming` `Hardware Design`

`Operating Systems` `Data Analytics` `Big Data`