Param Bidja

Software Developer & Engineer

Interested in building impactful things.

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EDUCATION

Honors Computer Science & Engineering
University of Connecticut

09/2015 – 05/2019 *GPA: 4.0/4.0*

WORK EXPERIENCE

Software Engineering Intern
Amazon

05/2018 – 08/2018 *Seattle, WA*

- Team: Finance Technology
- Project: Automating corporate entity restructuring
- Skills: Java, DynamoDB, AWS Lambda, AWS Batch, Python

Summer Technology Analyst
J.P. Morgan Chase

06/2017 – 08/2017 *New York, NY*

- Team: QA Automation
- Project: intelligent UI & micro-services to automate Chase Digital's QA process
- Skills: Java, JavaScript, Node.js, Python, Full-Stack, Agile

Undergraduate Teaching Assistant
UConn CSE Department

01/2017 – Present *Storrs, CT*

- Courses: CSE 2050 (Data Structures and Object-Oriented Design) & CSE 3666 (Computer Architecture)
- Instruct labs, mentor students, and evaluate lots of code

Undergraduate Researcher
Laboratory of Machine Learning & Health Informatics

01/2017 – Present *Storrs, CT*

PI: Dr. Jinbo Bi

- Develop machine learning projects with (Department of Computer Science & Engineering).

Software Engineering Intern
Yale University

06/2016 – 08/2016 *New Haven, CT*

- Team: Mobile & Web Technology
- Projects: Amazon S3 file transfer client, Yale Campus Map search enhancements to Yale University's Campus Map
- Skills: Python, JavaScript, jQuery, AWS S3, CartoDB

SKILLS & TOOLS

Python | Java | C | JavaScript | MIPS (assembly) | Bash | Lisp (Scheme) | SQL | Git | Unix | CLI | REST APIs | AWS Elastic Beanstalk | IntelliJ | NoSQL | AWS Lambda | AWS Batch | DynamoDB | HTML

PERSONAL PROJECTS

Image Classifier
- Web application for image classification using
- Skills: transferred learning, TensorFlow, Python, and Django

UConn Transportation Mobile App
- Android application for UConn bus system
- Skills: Java, Android Studio, Python, Agile

EpiPing
- Smart EpiPen which sends emergency alerts & location to medical personnel
- Skills: Raspberry Pi, Python, REST APIs

AlphaToe Modeling
- Graphical modeling for an open-source deep learning project (AlphaToe)
- Skills: Reinforced learning, Python, JavaScript

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
Awarded 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 | Machine Learning | Operating Systems | Robotics | Big Data Analytics