PAARAS BHANDARI

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EDUCATION

University of Maryland College Park (Transfer)
Bachelor's in Computer Science   **GPA: 3.86**
Sept 2018 – Dec 2020   College Park, MD

University of California - Davis
Bachelor's in Computer Science   **GPA: 4.00**
Sept 2017 - June 2018   Davis, CA

EXPERIENCE

Founder
Juley
June 2019 – Present   College Park, MD

- Singlehandedly developed, designed, launched and marketed Juley for Web, IOS, and Android. Used React JS, React Native, HTML, and CSS for front-end. Node JS, Google Firebase, Google Places API for back-end.
- Juley offers users the best prices for hotels and homestays. Features include location based search, filtering and sorting of properties, easy booking and cancellation, reviews and ratings.

Teaching Assistant
University of Maryland - College Park
Jan 2019 – May 2019   College Park, MD

- Worked as a Teaching Assistant for the CMSC132 - Object Oriented Programming in Java and CMSC330 - Organization of Programming Languages at University of Maryland. Held office hours for students and graded exams.

Software Engineering Intern
Indian Institute of Technology - Kanpur
June 2018 – August 2018   Kanpur, India

- Worked on Brihaspati 3.0 which is an open-source learning based platform used by universities across India. .
- Worked with Android Studio, Java's HTTP client libraries, and implemented client-server communication.

Chair of Website Committee
Space and Satellite Systems - UC Davis
Oct 2017 – June 2018   Davis, CA

- Worked as Chair of the website committee at Space and Satellite Systems, a student organization at UC Davis. Designed webpages with HTML, CSS and Bootstrap. Learnt about screen-size responsive layouts in CSS and Bootstrap features.

SKILLS

Programming Languages
- Javascript, Java, C, C++, OCaml, Ruby, Rust, Python

Front-End
- Javascript, React JS, React Native, Redux, HTML, CSS, Bootstrap, AJAX

Back-End
- Node JS, Express JS, Google Firebase, RESTful API's, JSON, XML

Technologies, OS, Testing/Debugging
- Android Studio, XCode, UNIX/Linux Command Line, Async Programming, x86 Assembly, JUnit, GDB, LaTeX

PROJECTS

Doggomart
- Developed for IOS and Android using React Native and Google Firebase, Doggomart connects users to dog breeders / rescue shelters to help them find their perfect canine companion. Features include chatting , sort/filter ads, rating and reviews, posting and managing ads.

Explorit
- Developed for IOS and Android with React Native, Google Firebase, and Skyscanner's RESTful API, Explorit allows users to discover and add unexplored destinations to their bucketlists and get the best flight deals. Implements a deck-swiping UI, used by dating apps like Tinder.

Juley
- Developed a hotel and homestays booking app for Web, IOS, and Android using React JS, React Native, CSS, and HTML on the front-end, Node JS, Google Firebase, Google Places API on the back-end.

Regular Expression Interpreter
- Developed a regular expression (regex) interpreter using OCaml. The application tests a regular expression with a string using non-deterministic finite automata.

Other Projects
- Spelling bee quiz webapp using React JS, Redux, and AJAX. Game of Thrones/Dog Breed Trivia for IOS and Android. Implemented Tetris with Java and JavaFX GUI. Monopoly board game with C++.