DIVYA BAJAJ

Software Developer

Contact

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https://divyabajaj0025.github.io

Skills

C language

Very Good

C++ language

Very Good

Java Language

Good

Language design

Very Good

Domain-specific languages

Very Good

Haskell

Very Good

Operational semantics

Good

Agile Methodologies

Very Good

Git

Good

Driven student leveraging studies in Programming languages seeks real-world experience as Software developer. Offers strong interpersonal and task prioritization skills.

Work History

2018-09 - Current

Graduate Research Assistant

Department Of Computer Science, Corvallis, OR

- Developed new operational semantics to generate simpler proof DAGs.
- Designed query language that transforms these proof DAGs to generate program explanations that led to systematic reduction in size of traces for 21 well- known example programs by at least 80%.

2016-07 - 2017-01

Intern

SOCER, The NorthCap University, Gurugram, Haryana, India

- Developed front-end to display upcoming events of SOCER(Society for Cyber Education Research) as well as latest news and articles related to field that helped SOCER society reach out to more students, and 50 new members joined that year.

2016-06 - 2016-07

Intern, Full Stack Developer

Abacusdesk IT Solutions Pvt. Ltd., Faridabad, Haryana, India

- Developed and implemented algorithm for seat-allocation for college exams using PHP.

2015-06 - 2015-08

Intern, Backend developer

BodyWorks – A Unit of Turnsteps, Delhi, Delhi, India

- Used OpenCart framework to develop backend and set up payment gateway for e-commerce website for fitness consultant to sell organic health and wellness products.

Additional Projects

- Medicare Cards, Major Project for B.Tech.- Developed an android application to store medical history of individuals using Firebase. Also, designed an interface to access this information using Near Field Communication (NFC) cards.

Education

2018-09 - Current

Master of Science: Computer Science

Oregon State University - Corvallis, OR

- Received Research and Teaching assistantship (full tuition and stipend).(GPA 3.85/4.00)

2013-07 - 2017-06

Bachelor of Technology: Computer Science

The NorthCap University (Formerly ITM) - Haryana, India

- Awarded Gold medal for securing first position in Bachelors in Technology in 2017 batch.(GPA: 9.71/10.00)