JITESH BHATIA

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OBJECTIVE

Seeking an entry level software engineering position to use my passion and knowledge of programming and web development to design innovative applications

EDUCATION

University of California Davis
Bachelors of Science in Computer Science
Expected Graduation: June 2016

Relevant Coursework: Data Structures in C++, Algorithms, Object Oriented Programming, Operating Systems, Artificial Intelligence, Databases

SKILLS

Web Development: HTML, CSS, JavaScript, JQuery, AngularJS and SQL

Programming Languages: C++, Java, and C

Graphic Design: Adobe Photoshop, Illustrator, and In Design

PROJECTS

Big 2 Card Game
- Strategic card game developed using Javascript and JQuery
- Involves three computer players which play against a single user
- Raphael.js graphics library used to display cards and implement animations

Virtual Machine
- Implemented thread scheduling, process synchronization, the ability to read and write files, and memory management in C++

Connect Four Artificial Intelligence
- Programmed an intelligent agent in Java to play Connect Four
- Created a tree data structure to store possible moves for each state of the game
- Developed an evaluation function to efficiently search the game tree for optimal moves

WORK EXPERIENCE

Web Developer, UC Davis Washington Program, Davis, CA   (September 2015 – Present)
- Performing general troubleshooting for the UC Davis Washington Program website through the Cascade CMS (Content Management Server)
- Editing and designing webpages in HTML, CSS, and Javascript while ensuring cross browser compatibility and accommodation for a wide range of screen sizes
- Creating marketing materials using Adobe Photoshop, Illustrator, and In Design