KRISHN RAMESH

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SKILLS

Programming / C++, Java, Git, Groovy & exposure to SQL & Python
Web Development / HTML5, CSS3, JavaScript, Grails
UI-UX Design / Photoshop & Illustrator: mockups, wireframes, logos; eye for design
Project Management / Agile, Lean & Scrum methodologies
Iterative Design Process / Planning, prototyping, evaluating/testing, refining
Computer Aided Design (CAD) / SolidWorks
Passion / Technology, design, startups, software, electronics
Eagerness to learn / Self-taught web dev, Photoshop; learning quickly by doing

EXPERIENCE

Software Developer Intern at NthGen Software   *Jan 2014 – April 2014*

Developed for a high-traffic car auctioning platform called Traderev (traderev.com) which ran on Amazon Web Services. Connected to Freshbooks API to facilitate easy billing and invoicing. Reduced load time for Report Stats page from 18s to 1s through efficient database querying. Wrote a job to store and check user login data from Redis to prevent account sharing. Other tasks included bug fixing, speed benchmarking, UI modifications, server-side form validation and scaling down DynamoDB at night to save money.

Lead Front-End Developer at Higher   *June 2013 - August 2013*

Built gethighered.ca, a website that facilitates easy online applications to retail jobs. Contributed and developed design ideas, business and marketing strategies. Worked with a team to launch the website from scratch within 2 months. Received equity.

Design Consultant & Developer at Horizen Media   *August 2013 – Oct 2013*

Displayed strong entrepreneurial spirit by co-founding a design consultancy startup that develops clients' brands and websites. Cultivated UI design skills using Illustrator to create logo ideas and Photoshop to build website mockups and wireframes.

EDUCATION

University of Waterloo   *Sept 2013 - April 2018*

Candidate for Bachelor of Applied Science (B.A.Sc.) in 1B Systems Design Engineering.
Relevant courses: Digital Computation (C++), Graphics (SolidWorks), Digital Systems.

Glenforest Secondary School (Mississauga, ON)   *Sept 2009 - June 2013*

Graduated with an International Baccalaureate (IB) diploma and an average of 98%.

PROJECTS

Cortel Group and Expo City Mobile Websites

Built two unique mobile sites from scratch to fit all screens from iPhone 4 to iPad/Nexus 7

JavaScript Minifier and Less CSS Compiler Plugins

Wrote Grails plugins to minify JS and compile Less files upon deployment.

Path-following Robot with Optical Sensors

Built and programmed a robot that followed a white tape path around obstacles.

AWARDS

Dean's Honours List

Finished in the top 10% of the class for the 1A term with an average of 88.5%

Schulich Leader Scholarship Nominee

For excellence in the STEM fields and outstanding entrepreneurial leadership.

INTERESTS

Guitar, soccer, quantum physics, typography, economics, dystopian literature, Elon Musk