Haris Hanif

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Education

University of California, Santa Cruz, CA   Graduation: 06/17
Bachelor's Degree, Computer Science
Relevant Coursework: Algorithms and Abstract Data Types, Computer Architecture, Data Programming for Visualization, Web Applications, Software Design, Database Systems, Mobile Applications, and Comparative Programming Languages.
Coursework Projects:
- *iTradeU*: A responsive web application using the MEAN stack (MonogDB, ExpressJS, AngularJS, NodeJS). It is a bartering and trading app, which matches a user's object to other users that want to trade items for that particular object.
- *Car Maintenance Model*: A web application, which shows when and what should be replaced on your vehicle to keep it maintained using an average expected mileage interval. This website and its visualizations were created using HTML5, CSS3, JavaScript, jQuery, SVG, and D3.js.

Tools & Skills
- Programming Languages: C++, Java, and JavaScript.
- OS, Frameworks, and Tools: Unix/Linux, Android, iOS, HTML, CSS, Bootstrap, jQuery, React, Node, Express, D3, and Xcode.

Experience

Web Content Developer   07/17 – Present
Gap Inc., San Francisco, CA
- Working in the Gap Online North American team for front-end development of Gap US/Canada websites.
- Creating and maintaining Gap websites using W3C standards-based HTML5, CSS3, JavaScript, and jQuery.
- Producing Ecommerce websites by partnering with other web content developers, brand production, and brand web design teams.

Software Engineer   01/17 – 06/17
SEADS Lab, Santa Cruz, CA
- Developed an Android application that allows users to obtain and view visualizations of the data from their SEADS (Smart Energy Analytic Disaggregation Systems) home energy monitoring devices.
- Created this application using Java, Espresso, XML, and Material Design.

Undergraduate Research Assistant   02/16 – 06/17
Programming Languages Lab, Santa Cruz, CA
- Worked on a multi-faceted dynamic information flow library to enhance web security using JavaScript, ES6, and Sweet.js.
- Used Node.js to create test programs for the library.

Web Content Developer Contractor   08/16 – 09/16
Gap Inc., San Francisco, CA
- Created and maintained Banana Republic websites using W3C standards-based HTML5, CSS3, JavaScript, and jQuery.
- Produced Ecommerce websites by partnering with other web content developers, brand production, and brand web design teams.

Web Content Developer Intern   06/16 – 08/16
Gap Inc., San Francisco, CA
- Worked in the International team for front-end development of Gap and Banana Republic EU/UK/Japan websites
- Developed and produced Ecommerce websites utilizing W3C standards-based HTML5/CSS, JavaScript, and jQuery
- Collaborated with the Design team to incorporate visual design into functional web pages
- Tested and maintained websites for cross-platform and cross browser compatibility
- Created an Ecommerce Image Content Performance and Optimization Tool in PHP that can parse an HTML file and replace IMG tags with PICTURE tags and contain paths to the new image formats. It also converts JPG and PNG files to JPG 2000 and WEBP files using ImageMagick.

Software Development Intern   03/16 – 05/16
G1G Travel Insurance, San Jose, CA
- Responsible for the company's front-end web development.
- Developed and supported User Interface and User Experience design.
- QA tested website to ensure it was functioning as per the defined specification.