Vikash Sahu

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EDUCATION

UNIVERSITY OF MARYLAND, *COLLEGE PARK, MD*
B.S. Computer Science   *Class of 2016*
GPA: 3.77/4.00

WORK EXPERIENCE

FACTSET RESEARCH SYSTEMS
Software Engineer   *July 2016-Present*
- Designed and implemented core features for an HTTP C# web service for generating table-centric documents
  - Wrote optimizations designed to handle use cases of tables with hundreds of thousands of cells efficiently
- Sole engineer responsible for features, maintenance, and documentation for a JavaScript grid conversion library
- Co-led training sessions for new company hires on usage of the above two products

APPIAN CORPORATION
Software Engineering Intern   *Summer 2015*
- Implemented core web product features in JavaScript and jQuery

CENTER FOR ADVANCED TRANSPORTATION & TECHNOLOGY (CATT) LAB
Software Development Summer Intern, Front-End Team   *Summer 2014*
- Implemented frontend web features in jQuery, used Chrome/FireFox development tools for debugging

PROJECTS

ScoreKeeper
- Built an HTML page making HTTP requests through the Google Sheets API to live update in-progress scores
  - Used by multiple users concurrently in production at the 2017 U.S. Table Tennis Nationals

Match Me If You Can
- Wrote simulations in Java to evaluate methods of improving student satisfaction with the course registration process as part of an independent study program at the University of Maryland. Presented findings upon completion.

TrainStation
- Webpage built using HTML, JavaScript, jQuery to live update students of my office hours as a teaching assistant

RELEVANT COURSEWORK

Object-Oriented Programming, Algorithms, Computer Systems, Cryptology, Computer Architecture, Organization of Programming Languages, Data Structures, Computer and Network Security, Designing Technology for Humans, Programming Technologies and Paradigms, Information-Centric Design of Context-Aware Systems (Seminar)

COMPUTER SKILLS

HTML, CSS, Java, JavaScript, jQuery, C#, Git

ACTIVITIES

Snider Undergraduate Research Fellow	*Spring 2016*
Undergraduate Teaching Assistant, Data Structures	*Fall 2015*
Undergraduate Teaching Assistant, Computer Architecture	*Fall 2015*
Undergraduate Teaching Assistant, Intermediate Macroeconomic Theory and Policy	*Spring 2015*
Co-President, University of Maryland Table Tennis Club	*Fall 2015- Spring 2016*