PRATEEK ARORA

401-935-3094 • 308 Newbury Street, Unit 5, Boston, MA 02115 • prateek_arora@alumni.brown.edu

BACKGROUND INFORMATION

Education	Brown University '15 (Overall GPA: **3.64**) (Post-Freshman GPA: **3.8**)
Concentration/Degree	Bachelor of Science, Computer Science

COMPUTER SKILLS

Relevant Coursework	Software Engineering, Design and Analysis of Algorithms and Data Structures, Database Management Systems, Modern Web Apps
Programming Languages	Java, C#, Web Development (HTML, CSS, JavaScript, TypeScript, JQuery, SQL, NoSQL, ASP.NET), REST, SOAP, MongoDB, Scala
Frameworks/Applications	.NET Framework, Backbone.JS, IntelliJ, Visual Studio, Eclipse

WORK EXPERIENCE/LEADERSHIP

Software Engineer, Columbus Website, Cimpress   September 2015 - Current
Built and maintained micro-services to deliver e-commerce solutions for the company's promotional website
- Architected and developed a reference management system for the CMS tool to maintain data integrity
- Collaborated with developers from teams across the company to support onboarding of new merchants
- Worked on website integration with new features providing manufacturing and technological enhancements
- Collaborated with designers to implement landing pages and enhance website's UI across platforms

Business Systems Intern, AppNexus   June 2014 - August 2014
Built an integration tool to sync AppNexus' internal platform "console" with data from Salesforce. The tool consisted of a web-app and a Storm topology.
- Investigated current issues and worked with team's lead architect to design the integration tool
- Built a robust system by employing technologies like Jersey, RabbitMQ, DropWizard, Groovy, Storm
- Followed agile development framework "Scrum" and witnessed its adaptation to the company's newest team

Software Engineering Intern, Vistaprint   June 2013 - August 2013
Designed and Implemented a "Fraud Detection Engine" for the Digital Products Team at Vistaprint.
- Organized cross-department meetings, worked with the Project Manager and investigated the existing system to create accurate project requirements
- Used .NET Framework to create a back-end and integrated it with a neural network to allow self-learning
- Converted the engine to a web application and closely integrated it with other internal tools at Vistaprint

PROJECTS/ACTIVITIES

Research Assistant, Human-Computer Interaction   Dec 2014-May 2015
Worked under the guidance of Professor Jeff Huang on "Rewind", a research project aimed at recreating audio and visual samples from a user's geo-location history
- Developed an engine to determine heuristics like mode of transport, indoor/outdoor, weather, time of day and population density; and pick samples from an audio library to perform mixing and generate audio clips

Founded and co-developed "Brunomarketplace"   Sept 2013-May 2014
Designed and prototyped a university marketplace to serve as an e-commerce platform for enrolled students
- Developed requirements, surveyed students and designed a web application to serve as an alternative to untrustworthy craigslist posts and unorganized Facebook university group posts

BEYOND THE CODING

- Authored a book "**Village 1104**": a fictional narrative about four teenagers in rural India and their endeavor to change their social and economic circumstances
- Tenor in "Shades of Brown" - a cappella group at Brown – organized and performed at various events