**PRATEEK ARORA**

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

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| **COMPUTER SKILLS** |

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| **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 |

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| **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

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| **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