

Janina Grayson

Location: New York, NY

Email: jgrayson@stevens.edu

Website: jcgrayson.com

| | | |
|------------------------------|--|--------------------|
| Objective | To obtain an entry level software engineering position starting summer 2017 | |
| Education | Stevens Institute of Technology , Hoboken, NJ Masters of Science, Computer Science, GPA: 4.0 | Expected: 05/2017 |
| | New York Institute of Technology , New York, NY Bachelor of Science, Computer Science, GPA: 4.0 Presidential Honors List Society of Women Engineers (SWE) | Graduated: 12/2015 |
| | Cornell University , Ithaca, NY Bachelor of Science, Human Development, GPA: 3.29 Dean's List, National Merit Scholarship Recipient | Graduated: 01/2011 |
| Skills | Programming Languages: Proficient: Java, Objective C, SQL; Previous Experience: C#, HTML5, XHTML, CSS, ASP.NET, JSP, JPA Database Systems: MS SQL Server, Oracle, MySQL, PostgreSQL | |
| Related Experience | Healthfirst , New York, NY Software Development Intern, Client Server Team | 06/2014 – 08/2014 |
| | <ul style="list-style-type: none">Created and redesigned four internal applications with associated documentationWrote and unit tested SQL scripts to create new user roles and permissionsCreated Windows form in C# to performance test existing applicationsRedesigned, implemented, unit tested, and improved time and space efficiency of an old VB6 application into C# that updated member information databases; created daily update logsDesigned and implemented C# web application to search, insert, and edit database records | |
| Research Experience | National Science Foundation Summer Program , New York, NY REU Fellow, Research Experience for Undergraduates (REU) Program | 05/2015 – 07/2015 |
| | <ul style="list-style-type: none">Conducted research on user authentication using a haptic deviceFocused on determining behavioral biometric profiles based on pressure and velocity for users interacting with five virtual objectsAttempted to develop an authentication protocol using different types of touching events during both task and non-task oriented experimentsWon 1st place presenting our research at NYIT's Sixth Annual Cybersecurity Conference | |
| Additional Experience | Stevens Institute of Technology , Hoboken, NJ Graduate Course Assistant, Database Systems I | 08/2016 - present |
| | New York Institute of Technology , New York, NY Peer Tutor, School of Engineering and the Learning Center Supplemental Instructor, Computer Programming II | 09/2013 – 05/2015 |
| Academic Projects | Database Systems Individual Project (2016). Developed entire backend system for fictional college bookstore. NYIT Senior Team Project (2015). Developed Objective C app that provided a fitness community for wearable device users. Database Programming Team Project (2015). Developed e-commerce Java web application using servlets, JSP, and JPA. Operating Systems Individual Project (2014). Implemented the Round Robin CPU scheduling algorithm in Java; Presented performance results for six different time quantum. | |