Sarah Bruschi

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Objective

To obtain a challenging position in software development; Providing exceptional service with a client-oriented mindset while leveraging experience through collaboration and leadership.

Education

University of North Carolina at Greensboro – Greensboro, NC   **2017**
M.S. Computer Science-Pre-requisites for Graduate Program
- Gained knowledge of different data structures experience including run-time analysis and implementations
- Experience with circuitry, performed programming exercises in assembly languages class
- Studied algorithms, logic, predicate Calculus and the fundamentals of computer science

Forsyth Technical Community College —Winston Salem, NC   **2016**
Computer Programming
- Established programming fundamentals and desire to further pursue studies
- Maintained standing on President's List

University of North Carolina at Greensboro – Greensboro, NC   **2011**
B.A. Geography
- Learned and utilized ArcGIS; created SQL queries on large datasets to output maps

Certifications

Cogito Certification - Epic *89082962*   **2019**
Caboodle Data Model Certification - Epic *89082963*   **2019**
Clarity Data Model Certification - Epic *89082964*   **2020**
Clinical Data Model Certification – Epic *89082961*   **2020**
- Allow me to preform queries and report writing as well as dashboard visualizations utilizing data housed within the Epic Electronic Health Record

Technical Skills

Swift	Git	ArcGIS
Java	BitBucket	ERDAS IMAGINE
C++	GitHub	Unix/Linux
Visual Basic	80x86 Assembly	Windows 7
Tableau	Access	Windows 10
ColdFusion	Photoshop	OSX
SQL		Virtual Environments
HTML5/CSS		
JavaScript		
jQuery		
Bootstrap		
Plotly.Js		

Projects

Triad Women in Technology - Winston-Salem/Greensboro, NC   **Current**
Co-Founder
- Created a community resource where women who are interested in or work within the technology field can come together to collaborate

FIRST Team 5679 Girls on Fire – Winston-Salem   **Current**
Mentor
- Mentor an all girl's high school robotics team in coding (Java) and CAD

Performing Eligibility Checks for Complicated Scenarios   **May 2019**
- Presented at the Society for Clinical Trials in New Orleans, LA

Experience

Wake Forest Baptist Health - Winston-Salem, NC   **Current**
Programmer/Analyst II- PHS Department of Biostatistics and Data Science
- Develops project-specific web-based forms for multi-center national clinical trials
- Develops project-specific tracking systems for multi-center national clinical trials
- Develops database design and manage for reporting on large scale projects
- Ensures form viability and performs quality analysis upon data gathered
- Performs analysis with project managers to assess the specific needs of systems that need to be designed for each specific study; develop systems as specified
- Collaborates with faculty, project managers, statisticians and programmers to further improve current implementations of clinical trials
- Created a training manual for interns as well as documentation for the forms development process
- Trains and manages programming interns
- Provides communication between teams in order to ensure specific deadlines are met
- Collaborates with Senior Developers in order to discuss and implement more efficient methods of data collection

Novant Health, Inc. - Winston-Salem, NC   **2017-2018**
Jr. Application Developer-NH Care Connections
- Developed and maintained telecommunications platform for major hospital organization
- Resolved incident tickets and IT work requests sent from staff members in timely manner
- Updated Care Connection system documentation
- Created the Business Impact Analysis and Disaster Recovery Plan
- Published Knowledge Articles for better customer support—self-service
- Appointed Application Lead for Call Center Evaluation project
- Updated and queried database to create reports and perform data analysis
- Collaborated with Senior Developer for training on Infinity specific scripting language
- Attended numerous onboarding sessions to meet IT leadership--shared ideas with peers and senior leaders to improve current systems and increase efficiencies within Novant Health
- Received training utilizing EPIC: Dimensions Ambulatory application
- Assisted in implementation of Tele-Neurology platform
- Streamlined communication between business and Senior Developer to ensure prioritization of application requests
- Worked with Enterprise Systems Engineering to improve access by placing Infinity within the Citrix Environment

Silvertone Analytics – Greensboro, NC   **2017**
SQL/Tableau Consultant
- Create Tableau dashboards and visualizations
- Leveraged SQL to filter and manipulate source data files
- Debug problems in code

Center for Design Innovation - Winston-Salem, NC   **2015**
Intern
- Updated CDI website in preparation for relocation and launch
- Utilized PHP to interface with server
- Created JavaScript functions for certain features
- Researched different databases implementations to best suite needs for Center