THOMAS DONOHUE

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SUMMARY OF QUALIFICATIONS
SOFTWARE PROGRAMS AND APPLICATIONS DEVELOPER

Knowledgeable entry-level programmer in software engineering fundamentals, computer science, mobile applications and web development methods looking to assist organizations to identify and translate technical logistics into operational gains which help drive profitability.

Individual contributor with a cooperative and not-for-profit background that can deliver engineering, web and development solutions to support mid-market organizations. **Possesses the capacity to collaborate and work** in challenging and fast-paced environments.

Demonstrates an ability to define, organize and execute day-to-day operations within budgetary and time constraints. **Inspires teams and colleagues** to ensure quality execution of customer-facing and project launch initiatives.

CORE SKILL AREAS

- Leadership
- Teamwork
- Web Development
- Content Management
- Global Computing Standards

- Software Engineering
- Mobile Applications
- Algorithm Development
- Java Development
- Android Platforms

- Database Development
- Program Development
- Quality and Innovation
- Windows Platforms
- Unix Platforms

PROFESSIONAL EXPERIENCE

NORTH SHORE ANIMAL LEAGUE AMERICA, Port Washington, N.Y.   2015

North Shore Animal League America is the world's largest no-kill rescue and adoption organization, saving the lives of over 1 million dogs, cats, puppies and kittens at risk of euthanasia.

Web Development Intern

Created, monitored and managed a web development framework and platform for one of the country's largest animal adoption organizations.

Key Contributions:

- Worked within Client and Constituent Relationship Management Systems (Convio, Blackbaud and Luminate).
- Handled internal requests from program and business leads to display campaign and general content for a highly active web site.
- Developed display templates meeting specific business requirements and related timelines for marketing initiatives.
- Managed technical maintenance issues for the site as required.

DEVELOPMENT PROJECTS

Design & Analysis of Algorithms
Developed a GUI application in Java that compares Kruskal's and Prim's algorithms for random maze generation.

Web Programming
Developed an e-commerce website with admin panel using PHP and MySQL

ACADEMIC BACKGROUND

State University of New York at Binghamton
Thomas J. Watson School of Engineering and Applied Science
Binghamton, N.Y.
Bachelor's of Science, Computer Science   (Anticipated Completion, 2016)

CORE CURRICULUM

Advanced Computer Architecture; Architecture and Programming; Automata Theory; Computer Systems I, II and III; Data Structures and Algorithms; Design and Analysis of Algorithms; Ethical, Social, and Global Issues in Computing; Exploring Engineering I and II; Introductory Topics in Computer Science; Machine Organization; Operating Systems; Programming With Objects; Web Programming.

TECHNICAL PROFICIENCIES

Programming Languages and Tools: Java, C, C++, Visual Basic, Python, Ruby, JavaScript, HTML, CSS, PHP, MySQL, Eclipse, Netbeans, Visual Studio, Android Studio

Operating Systems: Unix, Windows 7, Android

ASSOCIATIONS AND AFFILIATIONS

Webmaster, Engineers Without Borders
http://ewb.binghamtonsa.org

Participant, ACM Programming Competitions
Binghamton ACM, September 2015: 1st/107 HackBU

REFERENCES AVAILABLE UPON REQUEST