ERIN BARTHOLOMEW

EEBartholomew@gmail.com
erinbartholomew.com

Stationsplein 69P | Den Haag, 2515 BW
+31 (06) 41 90 45 67

[Education]

Masters of Science · Engineering & Policy Analysis (EPA)
Delft University of Technology · Faculty of Technology, Policy, and Management
Thesis Project: A comparative analysis of robust decision support methods
Focus: Data analytics, multi-stakeholder analysis, systems modelling, strategy design and development
Expected Graduation: August, 2018 · Current GPA: 8.83

Bachelors of Science · Computer Engineering · with Distinction and Honours
University of Nebraska, Lincoln · Jeffrey S. Raikes School of Computer Science and Management
Projects: Parner with companies to build solutions based on given specification and communication
Graduated: May, 2011 · GPA: 3.932

[Experience]

PointSource · Software Developer · 3/2015 – 7/2016
Leading iOS development expert at software consulting company
Web and hybrid application design and development to improve client business practices
Cutting-edge IoT solutions research, including indoor location and mobile watch solutions

IBM · Software Engineer · 7/2011 – 2/2015
Proof of concept and API development to provide enhanced location support for mobile platforms
Development of web and mobile applications that demonstrated use of cloud computing services
Served as scrum master for team focused on integrating cloud services with cutting edge iOS Apps
User interface development on WebSphere, DataPower, and Bluemix products

Nebraska Global · Software Development Intern · 8/2010 – 12/2010 and 4/2011 – 6/2011
Build culture and business processes for small startup company in early stages of creation

IBM · Technical Intern, Extreme Blue Program · Summer 2010
Innovation and solution development to encourage adoption of an enterprise social network

[Research]

Research Assistant · Delft University of Technology
Micro services approach to automated image recognition of passing train cars, partnered with ProRail

Paper Submission · The 36th International Conference of the System Dynamics Society
Development of open-source visualisation tool to support analysis of geospatial system dynamics

[Leadership]

EPA Student Representative • Board of Studies • TPM
Commissioner of Education • First Dentatus Student Advisory Chapter, EPA
Student Representative • Jeffrey S. Raikes School Corporate Advisory Board
Student Representative • Computer Science and Engineering Department Student Advisory Board
Technology Chair • Alpha Omicron Pi Fraternity, Zeta Chapter

[Skills]

Certifications: Certified Scrum Master, Certified Agile Software Developer
Programming Languages: JavaScript, Python, Java, Swift, Objective-C, C++, R, C#
Software: NetLogo, Simio, Vensim, DANA, Gephi, Microsoft Office, Mac, Linux, Windows
Modelling: Discrete, agent-based, system dynamics, exploratory analysis, adaptive policy design

[Other]

Conference Analysis • Future Forces Conference 2017 • Dutch Ministry of Defence
Concept Development • Innovative solutions to respond to challenges of natural disasters
Study Tour 2017 • Technology, Policy, and Management Faculty • Cultural exchange in Azerbaijan, Japan
Volunteer • Honduras Child Alliance • 2014