

Software Developer Software Developer Software Developer - Travelers Insurance
Minneapolis-Saint Paul, MN Work Experience Software Developer Travelers Insurance - Saint Paul,
MN June 2019 to Present Develop web applications to display vital automated system information
using React.js with TypeScript. ? Design and maintain a Nest.js application to create a REST API
that serves data about our automated system information. ? Create Jenkins scripts to rapidly
deploy our web applications and microservices to Pivotal Cloud Foundry virtual machines. ?
Maintain and implement features for monolithic web application written in Java using Spring Boot. ?
Meticulously test code using JUnit for Spring Boot applications, and Jest for Node.js applications. ?
Manage the development of projects using Git, and SVN. Software Engineer Intern SICK Inc -
Bloomington, MN May 2017 to May 2019 Independently Developed multi-page, cross-platform,
Full-stack web applications for embedded systems using a proprietary TypeScript library for users
to interface with embedded devices. ? Developed Lua scripts to provide functionality for the
embedded devices to allow users to write information, process input from devices, and parse raw
byte data to unicode strings. ? Created REST API endpoints in Lua to allow communication
between an embedded device and our web applications. ? Tested REST API endpoints using
Postman. ? Designed scripts to convert XML data to JSON, and vice versa in Lua. ? Developed
Java projects to communicate with embedded systems, and to modify device parameters and
configurations that are used in production. Student Researcher Augsburg University Mathematics
Department - Minneapolis, MN May 2018 to July 2018 Generated solutions for linear equations to
approximate the deflection of a beam under stress. ? Derived equations for systems of linear
equations to enforce specific boundary conditions of the beam ? The results were computed and
visualized using the Octave programming language, and written with Jupyter Notebooks to organize
and annotate the work. ? Utilized special plotting packages with the Julia programming language to
create high quality animated visualizations of the beam under stress. Education Master of Science
in Computer Science in Computer Science Georgia Institute of Technology - Atlanta, GA Present
Bachelor of Science in Computer Science in Computer Science Augsburg University - Minneapolis,
MN May 2019 Skills Android, Javascript, MYSQL, Git, HTML 5, CSS, JQuery Links

<http://github.com/wowbob396>

Name: Rhonda Garrett

Email: yross@example.net

Phone: +1-330-279-9626