Megan Landau

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Portfolio
www.meganlandau.com
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Languages

Java	**2 years**
Python	
JavaScript	**1 year**
HTML	
CSS	
SQL	
C	
Swift	
Groovy	**½ year**
C#	
PHP	

Tools
Git
Adobe Illustrator
Adobe Photoshop
LabVIEW
Visual Studio

Frameworks
AngularJS
Bootstrap
Spring Framework
ReactJS

Education

College of Charleston, Charleston, SC	**May 2018**

Bachelor of Science in Computer Science, minor in Mathematics
    Major GPA: 3.84 / 4.0, Cumulative GPA: 3.703 / 4.0
    Relevant Courses: Data Structures and Algorithms, Operating Systems, Advanced Algorithms,
    Software Engineering, SE Capstone Project, Databases, Programming Language Concepts

Experience

Associate Software Engineer - *Disney,* Los Angeles, CA   **Jun 2018 - present**

- Collaborate with team of three to develop a CI/CD scripted Jenkins pipeline programmed in Groovy
- Implement customized pipeline features tracked with JIRA and Git version control
- Design and test over 12 stages to successfully send code changes to production while maintaining software quality, security, and reliability and also greatly reducing delays in application development

Machine Learning Intern - *Netrist Solutions,* Charleston, SC   **Jan - May 2018**

- Applied self-directed research of ML to client problems using the AWS SageMaker MLaaS platform
- Trained and tested over 50 models using 3 supervised learning algorithms
- Developed and documented over 25 Jupyter Notebook instances written in Python, utilizing the Amazon SageMaker Python SDK and Pandas, NumPy, and Scikit-learn libraries

Software Engineering Intern - *Blackbaud,* Charleston, SC   **May - Aug 2017**

- Collaborated with team of 5 to engineer 4 new features for Fundraiser on the Go (nicknamed FROG), a mobile-friendly web application integrated with Blackbaud's CRM product
- Communicated with relational database using SQL, repackaged query results with XML data lists and C# for delivery to the front-end, developed in JavaScript, HTML/CSS using MS Visual Studio
- Integrated with AngularJS and Bootstrap-based custom Blackbaud Sky UI|UX frameworks

Mercedes-Benz Vans (MBV) Capstone Project - *Software Engineering Practicum*   **Jan - May 2017**

- Improved efficiency of MBV factory floor by developing software currently in use that enables the client to quickly pinpoint problematic devices and minimize downtime of the production line
- Accomplished full-stack engineering using 5 languages, Google Maps API and open-source libraries
- Tested application by building a pseudo factory floor with Raspberry Pis and networking tools

Leadership + Volunteering

C of C Department of Computer Science - *Student Ambassador*	**Aug 2016 - present**
Google IgniteCS Mentorship Program - *Student Leader and Mentor*	**Jan 2017 - Jan 2018**
Association for Computing Machinery (ACM) Club - *Vice President, member*	**Jan 2016 - Feb 2018**
Women In Computing Club - *Vice President, member*	**Jan 2016 - Feb 2018**
Center for Student Learning - *Computer Science Tutor*	**Aug 2016 - Dec 2017**

Honors + Awards

DIG SOUTH Tech Conference Student Scholarship from Helpfully, Inc.	**April 2018**
ABI Grace Hopper Conference (GHC 2017) Student Scholarship	**Oct 2017**
Google Women Techmakers Scholar	**Jun 2017**
ACM/IEEE International Conference on Human-Robot Interaction in Vienna, Austria: Short Paper Publication and Poster Presentation	**Mar 2017**

Extras

Jewelry and Graphic Design - www.africanaliendesigns.com	**Dec 2014 - present**
National Registry Urban and Wilderness EMT Certification	**Mar 2013**
PADI Rescue Diver and Emergency Oxygen Provider	**June 2012**
2 years of study at Parsons the New School for Design, New York, NY	**Aug 2010 - May 2012**