JESSE MULL

FULL STACK SOFTWARE ENGINEER
4525 N. ALBINA AVENUE, PORTLAND, OR 97217

A goal oriented, results-driven scientist turned developer, I have extensive experience using Node, Angular, MongoDB and Express to deploy web applications used to parse and visualize imaging data sets. As a Java developer I've built desktop applications that automate data analysis and render charts.

CONTACT

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http://www.jessemull.com
https://github.com/jessemull

TECHNOLOGIES

Java
Spring
Junit

ECMAScript
Node.js
AngularJS
ExpressJS
Mocha/Chai
Gulp/Grunt
CSS3
JQuery
HTML5

SQL
MongoDB

Git
Maven

ENVIRONMENTS

UNIX
Linux (RedHat/Ubuntu)
Bash Shell
Bourne Shell

OPEN SOURCE

MicroFlexJS
MicroFlex-Double
ComicVault
CSSRemoval
WellSelectionPanel

WORK EXPERIENCE

NOVARTIS NEUROSCIENCE *2014 – 2017*
Software Engineer & Scientist - Cambridge, MA
- MEAN stack web applications for user friendly consumption of imaging data.
- Java middle-ware to parse and distribute extensive bioinformatic data sets.
- Computational modeling and statistical analysis of high content imaging data.
- Automated scheduling of complex cell culture protocols.
- Automation of stem cell derived excitatory cortical neuron differentiation.

HARVARD UNIVERSITY HSCRB *2012 - 2014*
Scientist III - Cambridge, MA
High throughput pharmaceutical screening for neuromuscular drug discovery.

UNIVERSITY OF MINNESOTA *2010 - 2012*
Graduate Researcher - Minneapolis, MN
Investigation of the epigenetic memory retained by myoblast derived stem cells.

MITOSCIENCES *2009 - 2010*
Senior Research Associate - Eugene, OR
Mitochondrial antibody development for a variety of applications and platforms.

EDUCATION

MS Software Engineering
Harvard University 2013 – 2017 (Expected)

MS Stem Cell Biology - 3.9/4.0
University of Minnesota 2010 - 2012

BS Biology, Chemistry - 3.95/4.0
University of Oregon 2003 - 2008

ASSOCIATIONS

- Phi Beta Kappa
- Watertown Community Garden Steering Committee
- Lutheran Social Services Mentor
- Paul & Sheila Wellstone Muscular Dystrophy Center
- International Society for Stem Cell Research