
JILL ROBINSON

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WEB DEVELOPER

Full-stack web developer specializing in React.js, JavaScript, Node.js and web technologies.
Former microbiologist with a PhD in Molecular Microbiology.

EXPERIENCE

WEB DEVELOPER, PHARMGKB

STANFORD UNIVERSITY, 2017 - PRESENT

- Building new features, designing new experiences, and helping with devops
- Evolving the technology stack towards React.js and other modern UI libraries
- Building out automated testing using Jest and Nightwatch.js

FREELANCE WEB DEVELOPER

SAN JOSE, 2016 - 2017

Responsible for building small websites and web apps for small businesses

RESEARCH ASSOCIATE

NEWCASTLE UNIVERSITY, 2012 - 2016

Performed molecular microbiological research towards a PhD thesis. Taught other PhD and Masters students and co-managed a research lab

LABORATORY DEMONSTRATOR

NEWCASTLE UNIVERSITY, 2012 - 2013

Responsible for overseeing and leading experiments and correct working practices during laboratory teaching classes. Supervised and mentored undergraduate students, and assisted in grading student assignments

EDUCATION

DOUBLE BLACK BELT

CODING DOJO, SAN JOSE, 2016

Immersive coding bootcamp requiring over 70 hours per week, specializing in front-end fundamentals as well as proficiency in three full stacks: Python, MEAN and iOS/Swift

PH.D. IN MOLECULAR MICROBIOLOGY

NEWCASTLE UNIVERSITY, 2016

John William Luccock and Ernest Jeffcock Studentship for Medical Research

M.RES. IN MOLECULAR MICROBIOLOGY

NEWCASTLE UNIVERSITY, 2012

Graduated with Merit

B.SC. HONS IN MEDICAL MICROBIOLOGY & IMMUNOLOGY

NEWCASTLE UNIVERSITY, 2011

Graduated with 2:1 and Honours

TECHNICAL SUMMARY

PLATFORMS: JavaScript/Node.js, Python, Swift, Web, Mobile-Web

FRAMEWORKS: React.js, AngularJS, Ember, Polymer, Flask

LIBRARIES: Bootstrap, Socket.IO, Mocha, Jest, Nightwatch.js, jQuery

SERVERS: Linux, NGINX, Express.js

DATABASES: MySQL, MongoDB/Mongoose

OTHER TECHNOLOGIES: React Native, Xcode, Git/GitHub

PERSONAL PROJECTS

JAVASCRIPT WITH JILL, [YOUTUBE.JILLCROBINSON.COM](https://www.youtube.com/channel/UCjillcrobinson)

Series of walkthrough videos around building and exploring different concepts in JavaScript.

PAPIRUS, [GITHUB.COM/WILDLINGJILL/API_TESTER](https://github.com/WildlingJill/API_TESTER)

API endpoint tester that allows the user to send custom data to pre-defined REST endpoints, and call them from the browser. Mocha and Chai testing was used for testing. Built with HTML5, CSS3, React.js, Node.js, Express.js, Mocha and Chai. Hosted at papyrus.jillcrobinson.com. Walkthrough video at youtu.be/xF3j4J5FRM4.

DIRECTME, [GITHUB.COM/WILDLINGJILL/DIRECTME](https://github.com/WildlingJill/DIRECTME)

Web app that gives the user a suggested destination or activity from the Yelp API, based on their interests. Built using Pylot MVC on the back-end, integrated with the Yelp, Google Maps and OpenWeatherMap APIs. Built with Python, Pylot MVC, MySQL, Google Maps API, Yelp API, OpenWeatherMap API, OAuth2 and Materialize. Walkthrough video at youtu.be/K05Ftgj06U.

2048, [GITHUB.COM/WILDLINGJILL/2048](https://github.com/WildlingJill/2048)

Web version of the popular 2048 game, where the objective is to move and combine numbered tiles to reach the final goal of 2048. Built with AngularJS, Node.js and Express.js. Hosted at bluesuncorp.co.uk/2048/client/index.html.