

COLLEEN M. PURCELL

SF Bay Area based Software Engineer

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SUMMARY

Software engineer with full stack engineering experience. Passionate about building intuitive, clean and scalable web applications using the latest JavaScript frameworks, such as React. Eager to combine years of tech industry experience with a unique background in finance to build software that drives business growth and builds value.

TECHNOLOGIES

Proficient: ES6, React, JavaScript, HTML, CSS, jQuery, Bootstrap, Postgres/SQL, Redux, Express.js, Node.js, Git

Familiar: Firebase, React-Native, Jasmine, Mocha, Chai, Java, Socket.io, Heroku, Tessel, Material Design

PROJECTS

GitHub Search- Deployed at <https://fast-escarpment-69867.herokuapp.com> **February 2017**

- Users can search for repos by username, and find common followers of two accounts
- Technologies: integrated with the GitHub API, uses JavaScript and React

Pioneers of Mars, Co-developer- <https://github.com/colleenpurcell12/capstoneGame> **Fall 2016**
Deployment Link: <https://capstonegame-24bce.firebaseio.com/>

- Real-time multi-player web game that simulates the popular board game, Settlers of Catan
- Technologies used: JavaScript, React, Redux, Firebase, Node.js, Material UI
- Responsibilities: validation of player moves, interactivity of game board, and data structure of game state

CareFull, Full Stack Developer in team of 4- <https://github.com/colleenpurcell12/CareFull> **October 2016**
Deployment Link: <https://stormy-forest-41556.herokuapp.com/products>

- E-commerce web site with user authentication, product filtering, reviews, and order checkout functionality
- Technologies used: React, Redux, SQL, Express.js, Node.js, JavaScript
- Responsibilities: adding user feedback, tracking user sessions and authorization, updating cart & posting new reviews

WORK EXPERIENCE

Product Specialist, Kiodex Commodities Risk Management at FIS (formerly SunGard) **New York, NY**
2015-2016

- Team **secured \$1.4M** in ongoing business, and created **10% growth** in users
- Provided direct **technical support** to users of proprietary reporting software
- Opened product to new Fortune 2000 customers, expanding into food processing, biofuel and agriculture industries

Energy Market Analyst, ClipperData LLC **New York, NY**
2013-2014

- **Managed a team of 6** data analysts and Constructed **SQL databases** to improve product dev processes
- Authored customer-facing reports that were **published weekly** on the state of the energy market

Market Consultant, Dreamech **Boston, MA**
Spring 2013

- Led market analysis for a **car diagnostic tech startup** to inform a data driven go to market strategy

EDUCATION

GRACE HOPPER AT FULLSTACK ACADEMY OF CODE **New York, NY**
Four-month, full-time intensive **software engineering** program focused on Full Stack JavaScript web applications **Fall 2016**

BRANDEIS INTERNATIONAL BUSINESS SCHOOL **Waltham, MA**
2011-2013

MA in International Economics and Finance, Leadership Award Scholarship, Earned Distinction
Relevant Coursework: Managing Innovation & Tech, **Consulting Internship**
3-Day Startup Challenge: Developed and **pitched a startup** business plan at a conference
Global Market Investment Club: Helped actively manage +\$100k of the Brandeis University Endowment
Pitched stocks that were **selected for the portfolio**

WELLESLEY COLLEGE **Wellesley, MA**
2008-2012

BA in Major in Economics, Minor in Middle Eastern Studies
Relevant Coursework: Computer **Programming**, Website Design, **Multivariable Calculus**

SCHOOL OF INTERNATIONAL TRAINING (SIT) **Amman, Jordan**
Arabic Intensive Summer Program and Fall Semester Study Abroad **Summer-Fall 2010**

Thesis Project: Mentored by former **Prime Minister** Dr. Anani, I interviewed Jordanian economists, wrote and presented report on rentierism and regime security as constraints of economic reform in Jordan.