

Benjamin Reinecke

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TITLE Web Developer, Teacher and Scientist

SUMMARY Hi! I'm Ben. I'm a Full Stack JavaScript Web Developer that loves solving difficult problems and prides himself on patience, process, and communication skills.

EDUCATION Bloc Web Developer Track (August – December 2018)

PhD Chemical Engineering, Stanford University (2007-2013)

SKILLS **Languages:** HTML, CSS, JavaScript, C++, Ruby, php

Frameworks/Libraries: JQuery, Bootstrap, Node, Express, React, Jasmine

Database/Storage: Firebase, PostgreSQL, Sequelize

Other: Heroku, MVC, Git, Unix Commands, TDD, 3rd party API's, data structures and algorithms

PROJECTS [Chat Room \(Front-End\)](#)

-Single Page Application (SPA) with chat rooms, messages and login features

-Built using React, Firebase, and Google Authentication

[Reddit Clone \(Back-End\)](#)

-CRUD application with topics, posts, comments, votes, authentication and authorization.

-Built using Node, Express, Sequelize (ORM), Passport (authentication) and Jasmine (TDD).

[Wikipedia Clone \(Back-End\)](#)

-CRUD application with wiki pages, authentication, email sending and payments.

-Built using Node, Express, Sequelize, SendGrid (email sending), Stripe (payments) and Jasmine.

EXPERIENCE

Freelance Chemistry Tutor (2016-present)

-Taught chemistry and problem solving frameworks to 70 clients from thumbtack marketplace.

-4.9/5.0 overall client rating from 30 reviews on [my thumbtack profile](#).

-Sample contribution: helped client improve from a D to an A in chemistry in 2 months.

Post Doctoral Fellow, Physics, Lund University/MAX IV (Sweden) (2014-2015)

-Tasks: Designed experiments, submitted proposals for experiments, and conducted experiments for understanding how an industrial pollution removal catalyst functions.

-Sample contribution: Contributed half of published data (most of the XPS results) in a second author [Journal of Catalysis paper](#) revealing important features and behavior of the catalyst.