

Dieter Joubert

Software Engineer

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(650) 450-3963

A blue square logo with the white letters 'DJ' inside.

I am a full stack Software Engineer with strong quantitative skills, interested in Web-Scale Data Science. I have a multidisciplinary background including software engineering, statistics and econometrics, and journalism. I have 3+ years of experience including professional software engineering and academic data science.

Skills

Software Development: C#, Javascript (React.js, Backbone.js), Java, SQL, PHP, Git.

Experienced with Agile / SCRUM, and JIRA.

Data Science: Python/Pandas, d3.js, Amazon AWS, Linear regressions, econometric tools, and real analysis in R, STATA, and Excel.

Communication: Strong writing background and published author.

Education

BS in Mathematics-Economics, Minor in Computer Science, UC San Diego

Graduated: June 2016

Overall GPA 3.5

Technical Experience

Software Engineer @ Kiran Analytics 2017 - Current

Full-stack developer responsible for several end-to-end features. Member of a 14-person Agile team creating management software for banking, using C#, SQL, .Net, backbone.js, react.js, and bootstrap CSS.

Data Science Research Assistant @ UCSD Economics Department 2016 - 2017

Built data processing system using Python/Pandas and Stata to perform data loading and cleaning, linear regressions and analysis, and visualization. My analysis pipeline provided key results in Dr. Calduio Labanca's PhD thesis.

Software Engineering Intern @ KnuEdge 2016 - 2017

Built Python libraries to automate internal business tasks and data management., collaborated on implementing platform back-end using Java (Apache) and AWS Elasticsearch. Researched software design strategy and created product demos.

Data Science Research Assistant @ UCSD Economics Department 2015 - 2016

Built custom data collection and analysis tool to scrape, parse, and analyze NOAA geospatial measurements, providing map-based visualizations. Provided key results in Dr. Jeff Shrader's Ph.D Thesis.

Web Development Intern @ Tekmeca 2014

Full-stack development of prototype for online marketplace, using PHP and SQL.

Data Visualization Engineer and Staff Writer @ UCSD Guardian 2013 - 2016

Collected and visualized data using Python and Javascript (D3.js). Staff Arts and Culture writer authoring 40 original articles and contributing to several years of newspaper editions.