

Chelsea Ramos

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PROFILE

Highly-motivated Data Scientist with a passion to gain actionable insights by collaborating with others. Transitioned from a career in product engineering after self-learning Python to wrangle and analyze large amounts of data.

SKILLS

Python, Pandas, UNIX/Linux, Matlab, JMP Statistical Software, Git, SQL, Tableau

EXPERIENCE

NPI Product Engineer, Xilinx / San Jose, CA Sep 2017 - Present

Responsible for driving semiconductor yield improvement through fast-paced data collection and analysis for “New Product Introduction” (NPI)

- Delivered new products on time to both internal and external customers by understanding their needs and adapting to improve the manufacturing and testing process and achieve higher yield
 - Optimized the whole product engineering group's data summarization process through Python scripts that reduced up to two days of manual work to a few minutes so that more time could be spent on understanding the data to take timely action
 - Awarded over 5 times by members of other groups in the organization for quick and effective collaboration that led to major contributions in new ways of collecting and analyzing data

EDUCATION

Galvanize Data Science Immersive / San Francisco, CA Mar 2017 - Present

- 3-month, 700+ hour immersive data science training covering probability and statistics, machine learning, databases, and exploratory data analysis

University of Washington: B.S. Electrical Engineering / Seattle, WA Sep 2013 - Jun 2017

- Courses included: Linear Algebra, Calculus, Probability & Statistics, Computer Programming (Java), Scientific Computing (Matlab), and Technical Communication

ACCOMPLISHMENTS

Passed the Fundamentals of Engineering (FE) Exam: Electrical & Computer Sep 2016