

# Chelsea Ramos

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## PROFILE

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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

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

## EXPERIENCE

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**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

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**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

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

**Sep 2016**