

## Peter R. Boennighausen

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### Education

**Stanford University**  
Stanford, CA

Fall 2017 - Spring 2021

- Pursuing a B.S. in Computer Science (Biocomputation Track), 4.00 GPA
- Relevant coursework:
  - CS106X: Data Structures
  - CS107/110: Systems/networking
  - CS 161/166: Algorithms
  - CS103/109: Discrete math/probability
  - CS221/229: Machine learning
  - CS231n: Convolutional NNs
  - Add'l work in chemistry, biology, linear algebra, bioinformatics

**Bellarmino College Prep**  
San José, CA

Fall 2013 - Spring 2017

- Valedictorian; National AP Scholar; National Merit Finalist; Top 30 in United States, Lincoln Douglas Debate

### Experience

**SDE Intern**  
Amazon, Seattle, WA

Summer 2020

- Software engineering intern focused on building visualization tool for supply chain optimization team (SCOT)

**Intern**  
Idoven, Madrid, Spain

Winter 2020

- Analyzed cardiogram time series data using Keras/TensorFlow to diagnose arrhythmias

**Summer Analyst**  
Matrix Capital Management, Palo Alto, CA

Summer 2019

- Analyzed, modeled, and pitched software companies as possible investments for \$3 billion AUM hedge fund
- Wrote Python scraper to monitor headcount of portfolio companies

**Research Assistant**  
Wang Group, School of Engineering, Stanford, CA

Summer 2018 - Present

- Clustering RNA expression data using R to explore tumor gene networks
- Analyzing DNA methylation using R and Python for early cancer detection

**Course Assistant**  
Graduate School of Business, Stanford, CA

Spring 2018 - Present

- Manage logistics for the popular elective GSBGEN 515: Strategic Communication

### Languages

- 9+ years of **Spanish**, including conversational and written work
- Proficient programming in Python, C++, HTML/CSS, R.