Peter R. Boennighausen

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Education

Stanford University   Fall 2017 - Spring 2021
Stanford, CA

- 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

Bellarmine College Prep   Fall 2013 - Spring 2017
San José, CA

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

Experience

SDE Intern   Summer 2020
Amazon, Seattle, WA

- Incoming software intern

Intern   Winter 2020
Idoven, Madrid, Spain

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

Summer Analyst   Summer 2019
Matrix Capital Management, Palo Alto, CA

- 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   Summer 2018 - Present
Wang Group, School of Engineering, Stanford, CA

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

Course Assistant   Spring 2018 - Present
Graduate School of Business, Stanford, CA

- 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`.