Chao Cheng

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EDUCATION

Harvard University   Cambridge, MA
A.B. in Computer Science and Mathematics, GPA: 3.9   May 2023
  – Relevant Coursework: Data Structures and Algorithms, Machine Learning, Theory of Computation

SKILLS

- **Programming:** Python, Java, JavaScript, PostgreSQL
- **Frameworks:** Git, Django, React, numpy, pandas, scikit-learn

SCHOLARSHIPS AND AWARDS

- 2018 Regeneron (formerly Intel) STS Semifinalist
- 2017 Siemens Competition Semifinalist

EXPERIENCE

Harvard Business School   Cambridge, MA
Research Assistant   June – August 2020
  – Assisted HBS professors with research on case studies within various industries in South Asia
  – Researched and wrote case study reports for a global luxury hotel group and a rural school for gifted children
  – Created exhibits based on internal and public data and interviews with key figures from each organization

Weizmann Institute of Science   Rehovot, Israel
Computer Science Research Intern   July 2019
  – Designed and tested a silicone optical phantom for fluorescence and laser speckle imaging in a team of 4
  – Generated kinetic images from raw imaging data using PCA, ICA, NMF, and other unsupervised algorithms

Shenzhen BoPu Fund   Shenzhen, China
Technology Intern   April – June 2019
  – Created data visualizations for investment research team and translated risk analysis reports
  – Visualized daily and weekly performance of Shenzhen Stock Exchange securities using pandas and matplotlib

Happie   Boston, MA
Software Development Intern   January – March 2019
  – Developed an online recruiting platform managing thousands of candidates for employers
  – Wrote tests for the backend and increased code coverage by 20% using Python, Django, and PostgreSQL

EXTRACURRICULAR ACTIVITIES

- **Analyst** at Harvard Undergraduate Data Analytics Group   2020 – Current
  Analyze industry data and company insights during COVID-19 to recommend strategies and improve product efficiency for a Fortune 500 company and a United Nations agency.
- **Director of Technical Development** at The Harvard Crimson   2019 – Current
  Maintain The Crimson's website receiving 16 million annual visits using React, Django, and GraphQL.
- **Co-Chair** at Harvard-Radcliffe Chinese Students Association   2019 – Current
  Organize social, cultural, and political events related to Chinese- and Asian-American culture.