

ALLISON JISOO CHAE

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First-year medical student interested in diagnostic radiology and leveraging digital technologies to improve patient outcomes and quality of care.

EDUCATION

Perelman School of Medicine at University of Pennsylvania **Aug 2021 - Present**
MD Candidate

University of Southern California (USC) **Aug 2017 - May 2020**
Bachelor of Arts in Biological Sciences
Minor: Accounting

WORK EXPERIENCE

Penn Biotech Group **September 2021 - December 2021**
Consultant

- Worked with an early stage medical imaging startup to assess the current limitations of various imaging modalities and their cardiovascular indications.
- Conducted in-depth market and competitive landscape analysis.

Sentinel Cloud **July 2021 - Present**
Product Strategist

- Worked with full-stack development team to create a user friendly interface for a web-based EMR.
- Conducted market research in order to identify the target market, market conditions, and industry trends.

RESEARCH EXPERIENCE

Radiology AI Lab, Brown University **Oct 2021 - Present**
Research Fellow
Mentor: Harrison Bai, MD

- Investigated trends in FDA-cleared AI algorithms for medical imaging. Conducted a retrospective study that analyzed 510(k) summaries and *de novo* request submission data using Microsoft Excel and Python. Abstract accepted to Nature Digital Medicine.

Department of Gerontology, USC **Apr 2018 - Sept 2019**
Research Assistant
Mentor: Bérénice Benayoun, PhD

- Investigated how sex influences aging at the endocrine level through the distal effects of sex-steroid hormones.

Department of Pediatrics, Universität Carl Gustav Carus Dresden **May 2019 - Aug 2019**
Research Assistant
Mentor: Angela Hübner, PhD

- Investigated novel therapeutic approaches for congenital adrenal hyperplasia (CAH) by testing a more suitable cell system for molecular analysis of adrenal functions.