

# Anthony Yip

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## Education

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**University of California, San Diego School of Medicine**

Aug 2016 – Jun 2021

*Doctor of Medicine (M.D.)*

**The Odin Project**

Aug 2020 – present

*Full Stack JavaScript tract*

**University of California, San Diego**

Jun 2019 – Jun 2020

*Masters of Advanced Studies in Clinical Research*

*Cumulative GPA: 3.823*

**University of California, San Diego**

Sep 2013 – Jun 2016

*Psychology, B.S.*

*Magna Cum Laude (Cumulative GPA: 3.896)*

## Technical Projects ([yipanthony.github.io/portfolio/](https://yipanthony.github.io/portfolio/))

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**AI Medical Student** [Demo](#) [GitHub](#)

- Clinical training tool designed to help medical students triage patients and generate differential diagnoses during patient interviews. Utilizes React states, event handling, and DOM manipulation to search, filter, and display patient symptoms, risk factors, and lab results. Queries the Infermedica API using current information and displays diagnoses and follow-up questions.

**To-Do List** [Demo](#) [GitHub](#)

- Todoist clone using HTML, CSS, and vanilla JavaScript. Incorporates individualized user sign-up, password authentication, and Google sign-in options. Unique to-do tasks can be organized into sub-projects and filtered via due date. All user data is synced and stored using a Firestore database.

**Login screen package (npm)** [Demo](#) [GitHub](#)

- User login module that implements client-side JavaScript form validation. Includes built-in Regexp tests to specify user password requirements and published as a npm package.

**Virtual Soundboard** [Demo](#) [GitHub](#)

- Web application replicating a music soundboard. Implements DOM manipulation and event listeners to allow users to choose from over 60+ sounds (instruments, vocals, etc.), store individual sounds onto a virtual numberpad, and provides volume/speed adjustments.

## Technical Skills

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JavaScript (ES6) – React.js – HTML5 – CSS3 – Bootstrap – Git – GitHub

## Leadership/Volunteer Experience

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Co-president, Radiation Oncology Interest Group

2019 – present

Medical School Senior Mentor

2019 – present

Lab Manager, University of California, San Diego

Jan 2017 – Jan 2018

## Honors, Awards, Grants

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Altman Clinical and Translational Research Institute TL1 Training Grant

Jun 2019 – Jun 2021

Research Fellowship, UCSD Summer Research Training Program

Jun 2017 – Sep 2017

## Publications

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**Anthony T. Yip**, Huynh-Le, M. P., Hattangadi-Gluth, J. A. Pleomorphic Xanthroastrocytoma (PAX). In: Halasz L. *Intracranial and Spinal Radiotherapy: A Practical Guide on Treatment Techniques*. Springer International Publishing AG; 2020. (Book Chapter in press)

**Anthony T. Yip**, Salans M, Courtney, P. T., Murphy, J.D. (2020). Cost-effectiveness of ipilimumab as adjuvant therapy in resected high-risk melanoma. (Manuscript Under Review)

**Anthony T. Yip**<sup>1</sup>, Courtney, P. T.<sup>1</sup>, Cherry, D. R., Salans, M. A., Kumar, A., Murphy, J. D. (2020). Cost-Effectiveness of Combination Nivolumab-Ipilimumab in Advanced Non-Small Cell Lung Cancer. (Manuscript Under Review)

**Anthony T. Yip**, Huynh-Le, M. P., Crawford, J., Kaner, R., MacEwan, I., Hattangadi-Gluth, J. A. (2020). Comparing Endocrine and Neurocognitive Outcomes in Pediatric Brain Tumor Patients Treated with Proton vs Photon Radiation. *International Journal of Radiation Oncology*. (Abstract)

**Anthony T. Yip**, Salans, M. A., Tibbs, M. D., Karunamuni, R., Huynh-Le, M. P., Macari, A. C., Tringale, K. R., McDonald, C., Hattangadi-Gluth, J. A. (2020). Biomarkers of post-radiation cerebellar injury are associated with neurocognitive decline in primary brain tumor patients. *International Journal of Radiation Oncology*. (Abstract)

**Anthony T. Yip**<sup>1</sup>, Courtney, P. T.<sup>1</sup>, Cherry, D. R., Salans, M. A., Kumar, A., Murphy, J. D. (2020). Cost-effectiveness of combination ipilimumab-nivolumab in advanced non-small-cell lung cancer. *Journal of Clinical Oncology*. (Abstract)

Cherry, D. R., Salans, M. A., **Anthony T. Yip**, Courtney, P. T., Kumar, A., Murphy, J. D., (2020). Cost-effectiveness of combined atezolizumab/nab-paclitaxel for advanced triple-negative breast cancer. *Journal of Clinical Oncology*. (Abstract)

Huynh-Le MP, Tibbs MD, Karunamuni R, Tringale KR, Salans M, **Anthony T. Yip**, Connor M, Simon AB, Vitzthum LK, Reyes A, Macari AC, Moiseenko V, McDonald CR, Hattangadi-Gluth JA. Microstructural injury to corpus callosum and intrahemispheric white matter tracts correlate with attention and processing speed decline after brain radiation. (Manuscript Under Review).

Moiseenko, V., Grimm, J., Yorke, Jackson, A., **Anthony Y. Yip**, Huynh-Le, MP., Mahadevan, A., Forster, K., Milano, MT., Hattangadi-Gluth JA. (2020). Dose-Volume Predictors of Radiation Pneumonitis After Lung Stereotactic Body Radiation Therapy (SBRT): Implications for Practice and Trial Design. *Cureus*, October 5 2020.

Courtney, P. T., Sarkar, R. R., Hatamipour, A., Panjwani, N., Cherry, D. R., Salans, M. A., **Anthony T. Yip**, Rose, B. S., Simpson, D. R., Banegas, M. P., Murphy, J. D., (2020). Impact of Radiation on Cardiovascular Outcomes in Patients with Resectable Esophageal Cancer. *Radiotherapy and Oncology*. (Manuscript Under Review)

Tibbs MD, Huynh-Le MP, Karunamuni R, Reyes A, Macari AC, Tringale K, Salans M, **Yip A**, Liu E, Simon A, McDonald CR\*, Hattangadi-Gluth JA\*. Microstructural injury to left-sided perisylvian white matter predicts language decline after brain radiotherapy. *International Journal of Radiation Oncology\*Biophysics*, July 21 2020 (in press)

## Presentations

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**Anthony T. Yip**, Huynh-Le, M. P., Crawford, J., Kaner, R., MacEwan, I., Hattangadi-Gluth, J. A. (2020). *Comparing Endocrine and Neurocognitive Outcomes in Pediatric Brain Tumor Patients Treated with Proton vs Photon Radiation*. Clinical Research Symposium, UCSD (Poster)

**Anthony T. Yip**, Huynh-Le, M. P., Sojourner, E. J., Crawford, J., Hattangadi-Gluth, J. A. (2018) *Radiation Therapy Outcomes in Pediatric Medulloblastomas*. UC San Diego Summer Research Poster Presentation. San Diego, CA. (Poster)

## Hobbies/Personal Interests

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Rock climbing, calisthenics, brewing coffee, amateur cook