

Nathan J. Chan

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Education	Bachelor of Science, Statistics: Computational Statistics University of California, Davis	9/2017 – 6/2020 (expected)
Experience	Data Assistant Advancement Services, UC Davis <ul style="list-style-type: none">- Adjust and add entity information in database of 1+ million people- Verify donation and gift amounts and upload receipts to database- Sort through and shred confidential financial information Research Assistant Asian American Center on Disparities Research, UC Davis <ul style="list-style-type: none">- Designed, wrote, presented research poster at research conference- Performed data analysis with sample size of 425 students in SPSS- Administered survey and interview to 30 study participants individually Math Instructor Mathnasium of Foster City <ul style="list-style-type: none">- Taught math to over 60 students (K-12) in one-on-one settings- Wrote online reports for parents on students' behavior and progress- Organized student binders according to individual learning plans	1/2019 – Present 9/2017 – 6/2018 2/2017 – 9/2017
Projects	www.nathanjchan.com <ul style="list-style-type: none">- Collection of my projects, research, essays, and artistry- Coded from scratch, hosted on self-owned server Predicting Handwritten Numbers in R <ul style="list-style-type: none">- R scripts that predicts handwritten numbers with 95% success- Uses machine learning algorithm (k-nearest neighbors method) UC Davis Class Catalog in R <ul style="list-style-type: none">- R script that organizes UC Davis class info into data frame table- User can search classes based on certain criteria Project Pinpoint <ul style="list-style-type: none">- "Tap the ball" mobile game- Made with JavaScript in Cocos Creator game engine Research Poster: <i>Ethnic and Gender Differences in Emotion Regulation Strategies: The Mediating Role of Face Concern</i> <ul style="list-style-type: none">- How concern for one's self-image affects reactions to negative events- Presented at 2018 Undergraduate Research Conference at UC Davis	9/2018 – Present 12/2018 12/2018 6/2018 – Present 1/2018 – 4/2018
Skills	Python, R, C++ SQL, JavaScript, HTML, CSS, SPSS Data analysis, graphical representations of data, data structures, Git, machine learning	
Awards	Certificate for outstanding academic achievement in the presentation of scholarly research Dean's Honor List , UC Davis Eagle Scout , Boy Scouts of America	4/2018 12/2017 & 3/2018 5/2016