

# Patrick Raymond Oster

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## Education

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**Accelerated Graduate Program: M.Sc. in Applied Statistics**

Graduation: May 2019

**B.Sc. in Statistics & B.A. in Economics**

2014 - 2018

*Department of Mathematics & Statistics, Loyola University Chicago*

GPA: 3.5

- Awards/Honors: Interdisciplinary Honors Program, Dean's List, International Leadership Certificate Recipient, National Society of Collegiate Scholars
- Graduate Coursework: Multivariate Analysis, Categorical Data Analysis, Nonparametric Statistical Methods, Regression Analysis, Sampling Methods, Statistical Consulting
- Undergraduate Coursework: Predictive Analytics, Design of Experiments, Computational Modeling & Simulation, Econometrics, Labor Market Analysis, Urban Economics, International Monetary Policy

## Professional Experience

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**Service Delivery & Operations Intern**

June 2018 - Aug 2018

*Health Care Service Corporation*

Chicago, IL

- Created a reporting dashboard for executive level communications regarding progress on a large scale technology project; refined data cleaning, structuring & visualization skills using excel, R, & Tableau
- Developed healthcare industry knowledge, technical skills, professional network, & business acumen through a structured internship program at BlueCross BlueShield headquarters in Chicago

**Digital Media Advisor/Graduate Assistant**

Sept 2015 - present

*Digital Media Services - LUC*

Chicago, IL

- Improve leadership & collaborative abilities by supporting & training Digital Media Advisors in assisting students, faculty, & alumni with software packages, production equipment, & various multimedia tools & applications
- Develop problem-solving & process-improvement focus by managing online academic poster printing queue, troubleshooting & repairing damaged equipment, & completing digital media projects
- Improve problem-solving skills by providing excellent customer service while using scheduling/inventory software

## Leadership & Service

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**Labre Homeless Outreach Program**

Chicago, IL

*Student Companion Leader*

April 2017 - May 2018

- Volunteered to lead students in standing in solidarity with downtown Chicago's homeless population by providing food & drink on a weekly basis in order to be men & women for & with others
- Prepared group reflections for before & after each session to promote love & learning among the community

**Sigma Chi Fraternity - Lambda Nu Chapter**

Chicago, IL

*Brother At Large/Webmaster*

Dec 2016 - Dec 2017

- Executive board member responsible for gauging & representing the general opinion of the chapter on executive votes
- Updated & managed the Sigma Chi Lambda Nu chapter website (<http://www.sigmachiluc.com/>)

## **Lodge of Ondessonk Service & Honor Society**

*President*

Ozark, IL

July 2015 - Aug 2016

- Coordinated service opportunities for thousands of active adult & youth members
- Organized & conducted biannual meetings regarding changes to the constitution & the elections of regional officials
- Co-presenter at the 2016 Midstates ACA conference on effective camper/volunteer retention strategies

## **Skills, Activities & Interests**

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- Technical Skills: RStudio, SAS, Tableau, SQL, Minitab, Stata, JIRA, LaTeX, Markdown
- Activities: Summer camp volunteer, Math/Stat/Econ tutor, Club Lacrosse
- Interests: Machine Learning/AI, Healthcare, Pharmaceuticals, Technology, Behavioral Economics