

# William Lang

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## EDUCATION

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<b>University of Pittsburgh</b> , Pittsburgh, PA	Expected Graduation Month: April 2021
Dietrich School of Arts & Sciences	
Bachelor of Science: Economics and Statistics	Cumulative GPA: 3.94
Minor in Computer Science	

## WORK EXPERIENCE

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<b>FedEx Ground</b> , Linehaul Department Analytics Intern, Pittsburgh, PA	<i>July. 2020-Aug. 2020</i>
<ul style="list-style-type: none"><li>Developed and deployed automated statistical analytics dashboards for contractor fleet compliance</li><li>Automated group Sharepoint system to streamline information to field operators</li><li>Created a concise statistical report on the contractor fleet requests gave recommendations on outliers</li></ul>	
<b>Economics Research Assistant</b> , University of Pittsburgh, Department of Economics	<i>Aug. 2019-Present</i>
<ul style="list-style-type: none"><li>Independently operate dataset management and analysis with a university team of economists</li><li>Deployed a machine learning classification method to approximate critical missing data</li><li>Employ the use of Python and R (dplyr, ggplot2) to assist with dataset management, organization, and presentation</li><li>Created skills in ArcGIS systems, utilizing the software for geocoding, spatial visualization, and data exporting</li><li>Develop, optimize, and clearly present datasets and their statistics to a trans-collegiate team of researchers</li></ul>	
<b>OPUS</b> , Intern, Product Management, Pittsburgh, PA	<i>Aug. 2017-Dec. 2017</i>
<ul style="list-style-type: none"><li>Developed and presented Salesforce dashboards for the product management team</li><li>Strengthened invaluable personal office environment, teamwork, and communication skills</li><li>Developed reports on competitor platforms and consistently presented to managing staff</li></ul>	
<b>Undergraduate Teaching Assistant</b> , University of Pittsburgh, Department of Economics	<i>Aug. 2019-Present</i>
<ul style="list-style-type: none"><li>Assist in the administration of both the intermediate microeconomics and intermediate macroeconomics courses</li><li>Independently conducted office hours and review sessions to abet students with problem sets and analytic processes</li><li>Educated students in the fundamentals of microeconomic, macroeconomic analysis with calculus techniques</li><li>Key topics included multi-variable optimization, comparative statics, welfare analysis, and efficient pricing</li></ul>	

## EXTRACURRICULAR ACTIVITIES

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<b>Panther Equity</b> , Student Investment Portfolio, Senior Analyst	<i>Jan. 2018-Present</i>
<ul style="list-style-type: none"><li>Professionally and methodically manage university endowment funding with consistent annual success</li><li>Lead the junior analysts of my sector during breakout meetings, economic outlook presentations, and stock pitches</li><li>Partake in equities-only securities fundamental analysis within seven various discretionary sectors of the S&amp;P 500</li><li>Oversaw the commencement of \$50,000 of University funding as a result of consistent relative performance success</li><li>Employ tools such as Bloomberg Terminal and S&amp;P Capital IQ for DCF modeling, pitches, and economic updates</li></ul>	
<b>Panther Equity</b> , Student Investment Portfolio, Head of Communications	<i>Mar. 2019-Present</i>
<ul style="list-style-type: none"><li>Consistently manage and update an email list of an 80-member organization</li><li>Effectively relay information between multiple sector teams and the executive board of the organization</li><li>Conglomerate information from executive board meetings and relay that to the rest of the club</li></ul>	
<b>Undergraduate Economics Society</b> , Member	<i>Jan. 2019-Present</i>
<ul style="list-style-type: none"><li>Attend career building services such as resume workshops, mock interviews, and panel events</li><li>Lead review sessions for various economics courses prior to their exams</li><li>Listen to professors discuss their research in casual settings for comprehensive understanding</li></ul>	

## CODING LANGUAGES, STATISTICAL PACKAGES, AND SKILLS

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**Python** (Intermediate), **R** (Intermediate), **Java** (Proficient), **Statistical Machine Learning** (Intermediate), **Stata** (Proficient), **Minitab** (Intermediate), **ArcGIS Desktop** (Beginner), **Microsoft Office** (Intermediate), **Bloomberg Terminal** (Proficient; BMC Certified), **S&P Capital IQ** (Proficient), **DCF Modeling** (Proficient)

## ACADEMIC ACHIEVEMENTS

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**Mario O'Kellie and Alma B. McKay Economics Award** (Fall 2019 – Spring 2020)  
**University of Pittsburgh Dean's List** (Spring 2018, Fall 2018, Spring 2019, Fall 2019)  
**Community College of Allegheny County Deans List** (Fall 2017)