

# Max E. Grier

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## Education

**MONTANA STATE UNIVERSITY, 2010 – 2015**

**Jake Jabs College of Business & Entrepreneurship**

**Bachelor of Science in Business Finance**

### Accomplishments:

Dean's List

Montana Investment Group – Co-Founder, President

Finance Club, CFA Institute Research Challenge

**OREGON STATE UNIVERSITY, 2019 – 2022**

**College of Engineering**

**Bachelor of Science in Computer Science**

### Accomplishments:

GPA: 3.94

Security Club

## Work Experience

**FULL STACK ENGINEER III, The Boeing Company – FinDABI June 2021 – Present**

- Design and develop ReactJS dashboards for Boeing Commercial Airplanes (BCA) Finance teams and leadership
- Develop statistical and graphical dashboards to determine production efficiency of airplane programs with Plotly and ReactJS
- Create ReactJS data capture webapps that collect user inputs and Excel uploads, which are loaded in the SQL Server database
- Use ASP.NET to build the Finance Q&A page that stores entries in SQL Server and sends email notifications for new entries
- Maintain and enhance the functionality and design of the Finance Data Analytics & Business Intelligence (FinDABI) team's homepage in ASP.NET
- Build Python Web APIs, utilizing various SQL queries to pull data from Teradata and feed the JSON data to React apps

**SOFTWARE DEVELOPER, The Boeing Company – BCA ONE January 2021 – June 2021**

- Developed the preprocessing data pipeline to process Air Traffic Control (ATC) voice recordings and metadata which was used to train machine learning models for autonomous flight
- Created the ETL workflow in Python and Apache Beam to extract data from the airport servers through Google Cloud (GCP) and into our BigQuery database to support the ReactJS server health monitoring dashboard
- Collaborated with Senior Software Engineers in Boeing India to identify and resolve major development roadblocks

**FINANCIAL ANALYST, The Boeing Company – Engineering Core February 2019 – June 2021**

- Supported the Director of Propulsion as well as 787 and 777x commercial airplanes to manage headcount, budget forecasts, analyze and interpret variances, and report findings to Leadership – finished 2020 fiscal year with a 0.25% variance
- Coordinated with Project Managers, Engineers, and Senior Managers to ensure accurate resource and budget forecasts
- Extracted and compiled weekly, monthly, and quarterly financial performance reports for Executives and Senior Managers
- Responsible for \$55 and \$50 million in funding for the Technology Integration and Advanced Materials portfolios, respectively
- Lead the development of standard reporting tools with COGNOS queries and compiled data with Power Query

**RETIREMENT PLAN ANALYST, Northwest Plan Services May 2017 – February 2019**

- Supported in managing \$700 million in assets allocated across 22 plan assignments in collaboration with plan consultants and administrators within the retirement plan administration industry
- Retrieve daily price files from primary trust companies (Charles Schwab, T.D. Ameritrade, Matrix) to combine data and create compatible files to load into FIS Relius database; export and submit aggregate trades for all plans; troubleshoot potential trade discrepancies via pre-trade checks; review and resolve outstanding trade issues for all NWPS locations prior to nightly deadline
- Track cash flow through daily reconciliation of plan assets on Relius database against trust company level, including participant-directed transactions, revenue sharing, gains and losses, and forfeitures

**BOOKKEEPER, Arnie's Restaurant & Bar November 2016 – May 2017**

- Maintained accurate and timely reconciliation of restaurant data: recorded daily sales, labor, and customer counts
- Increased data precision and the ability to manage money from multiple accounts while maintaining reliable reporting

**ENGLISH TEACHER, Sahamit Primary School (Thailand) September 2015 – March 2016**

- Focused on expanding students' vocabulary through games and exercises with the purpose of developing conversational English
- Increased ability to speak in front of large groups and manage strenuous situations with intense language and cultural barriers

## Skills and Interests

### Software Applications:

Python, Flask, JavaScript, ReactJS, NodeJS, SQL Server, Teradata, Essbase, Cognos, ASP.NET, C#, Google Cloud Platform (GCP), Jira, Linux, Git, SCRUM, Excel (Pivots, Macros, Power Query), Access, PowerPoint, Microsoft Word, ASPPA Certification

### Activities:

Traveling, reading, writing, cooking, Hatha Yoga Teacher Certification

**Work Ethic:** Self-motivated and self-starter, agile and receptive to change, problem-solver, data manipulation

**Communications:** Written and verbal, strong balance, between independent work and team collaboration, liaison between teams and upper management

**Organization:** Attention to detail, time management, ability to prioritize and meet deadlines under pressure