# 2018 Alumni Report

<table>
<thead>
<tr>
<th>Category</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of alumni (97% graduation rate)</td>
<td>762</td>
</tr>
<tr>
<td>Percent employed in the profession</td>
<td>97%</td>
</tr>
<tr>
<td>Number of employers</td>
<td>257</td>
</tr>
<tr>
<td>Percent employed in the U.S.</td>
<td>97%</td>
</tr>
<tr>
<td>Percent employed in North Carolina</td>
<td>48%</td>
</tr>
<tr>
<td>Average / median age</td>
<td>31 / 30</td>
</tr>
<tr>
<td>Percent who are U.S. citizens</td>
<td>81%</td>
</tr>
<tr>
<td>Percent who are women</td>
<td>41%</td>
</tr>
<tr>
<td>Employed at graduation</td>
<td>96%</td>
</tr>
<tr>
<td>Average Starting Salary (inflation-adjusted)</td>
<td>$96,442</td>
</tr>
<tr>
<td>Promoted since graduation (with 3 or more years on the job)</td>
<td>57%</td>
</tr>
<tr>
<td>Average time to first job promotion (months)</td>
<td>26</td>
</tr>
<tr>
<td>Transitioned employment one or more times</td>
<td>37%</td>
</tr>
<tr>
<td>Estimated annual payroll in 2018 (in millions)</td>
<td>$66.2</td>
</tr>
</tbody>
</table>

Reported as of January 24, 2019; includes graduating classes of 2008 through 2018.

For further information contact: analytics@ncsu.edu
ALUMNI DEMOGRAPHICS

Citizenship
- Non-U.S. 19%
- U.S. Citizen 81%

Gender
- Male 59%
- Female 41%

Residency
- Non-Resident 52%
- NC Resident 48%

Employment
- U.S. 97%
- International 3%
56 Countries of Origin

Argentina  |  Ethiopia  |  Philippines  
Armenia   |  France    |  Poland      
Australia |  Germany   |  Romania     
Bangladesh|  Ghana     |  Russia      
Belarus   |  Greece    |  Saudi Arabia
Belgium   |  Hungary   |  Singapore   
Bermuda   |  India     |  South Korea 
Brazil    |  Iran      |  Spain       
Bulgaria  |  Israel    |  Sri Lanka   
Canada    |  Italy     |  Thailand    
China     |  Jamaica   |  Turkey      
Colombia  |  Kyrgyzstan|  Ukraine     
Costa Rica|  Latvia    |  United Kingdom
Croatia   |  Mexico    |  United States
Czech Republic |  Nepal  
Dominican Republic |  Nicaragua  
Ecuador   |  Nigeria   |  Uruguay     
Egypt     |  Pakistan  |  Uzbekistan  
Eritrea   |  Peru      |  Venezuela   

Age Distribution

Number of Alumni

Age

Median
Positions Held by Major Category

- Data Scientist: 29%
- Analyst: 20%
- Consultant: 19%
- Manager: 19%
- Other: 12%

Selected Positions

| Advanced Analytics Data Scientist | Principal Analyst, Data Science |
| Analytical Consultant | Principal Data Scientist |
| Analytics and Modeling Manager | Quantitative Finance Analyst |
| Analytics Consultant | Research Data Scientist |
| Associate Data Scientist | Risk Analyst |
| Business Data Scientist | Senior Analyst |
| Chief Data Scientist | Senior Analytics Consultant |
| Consultant | Senior Analytics Manager |
| Data Analyst | Senior Associate |
| Data Scientist | Senior Consultant |
| Data Scientist Manager | Senior Data Analyst |
| Director, Data and Analytics | Senior Data Scientist |
| Director, Data Science | Senior Data Science Consultant |
| Head of Data and Analytics | Senior Geographic Data Scientist |
| Head of Risk Management | Senior Insights Analyst |
| Lead Analyst | Senior Manager, Advanced Analytics |
| Lead Data Scientist | Senior Manager, Data Science |
| Manager, Advanced Analytics | Senior Model Validation Analyst |
| Manager, Customer Insights | Senior Specialist, Global Advanced Analytics |
| Manager, Data and Analytics | Senior Statistical Analyst |
| Manager, Data Engineering | Software Developer |
| Manager, Data Science | Staff Consultant |
| Manager, Medical Advanced Analytics | Statistician |
| Manager, Reporting and Analytics | Technical Architect |
| Marketing Data Scientist Senior Associate | Technical Research Manager |
| Marketing Optimization Senior Associate | Technical Consultant |
| Operations Analytics Modeler | Vice President, Data Science & Analytics |
Leading Employers

Accenture Federal Services
Ally Financial
**Amazon**
Ankura Consulting
Asurion
Bain & Company
Bank of America
BB&T
Blue Cross Blue Shield of NC
**Cigna**
Citrix
Community Care of North Carolina
**Deloitte**
**Elder Research**
Elevate
**EY**
Facebook
**Fidelity Investments**
Fifth Third Bank
GlaxoSmithKline
Google
IBM
**JPMorgan Chase**
Liberty Mutual
Lowe's Companies
Northrop Grumman
Putnam Investments
Red Hat
RTI International
SAP
**SAS**
Slalom Consulting
The Home Depot
The Walt Disney Company
TIAA
**US Federal Government**
Wells Fargo
Zencos

Note: The Top-10 employers are listed in **Bold**. There are 257 employers in total.

Alumni Concentration Among the Top-50 Employers

Percent of Alumni Employed

0 10 20 30 40 50

Number of Employers

20% 40% 60% 80% 100%
Distribution of Employment Outside North Carolina by U.S. Geographic Region

- West: 20%
- Northeast: 20%
- Midwest: 18%
- South: 42%
First Employment Transition by Cohort

Percent of Cohort with the First Employment Transition Occurring Within 2 Years of Graduation

Cohort (years since graduation)
Estimated Annual Earnings of Alumni Community

- $20mil
- $40mil
- $60mil
- $80mil

Note: Estimate is based on individual starting salaries adjusted for inflation.
Geographic Distribution of Employment Outside North Carolina

Virginia-DC
New York
California
Ohio
Georgia
Texas
Florida
Massachusetts
Illinois
Washington
Maryland
South Carolina
Missouri
Utah
Colorado
Pennsylvania
Tennessee
Connecticut
Kentucky
Michigan
Indiana
Iowa
Minnesota
Oregon
Rhode Island
Arizona
Kansas
Louisiana
Nebraska
Nevada
New Jersey
Wisconsin

Number of Alumni

0 25 50 75
Global Employment Locations

Employment at Graduation

Cohort Year

Placed by Graduation

- 40 students
- 80 students
- 120 students
Graduates by Cohort Year

About the Data

Data in this report are compiled primarily from two sources: (1) Institute records on admissions and employment published annually; and (2) Information on current employment, including transitions and promotions, gathered from alumni profiles on Linkedin. Among the 762 alumni, 755 maintain a Linkedin profile.

Institute generated measurements are typically a census of each cohort year with carefully curated data for completeness and accuracy.

Though imperfect, data culled from Linkedin may be useful in discerning trends over time keeping in mind the limitations. While a significant portion of the alumni population maintain up-to-date and detailed profiles, there are cases where the profile is updated sporadically or provides only rudimentary details about employers and positions. In a small number of cases, it is evident a profile has been stagnant since graduation. Individuals may be more likely to make timely updates to their profile when significant changes happen, such as employment transitions, and slightly less so when receiving career ladder promotions.

Source URL: http://analytics.ncsu.edu/reports/alumni/MSA2018.pdf