

Sharif Younes

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EDUCATION & RESEARCH

Bowdoin College

2009-13

B.A. with Honors, Mathematics, summa cum laude

- GPA (out of 4.0): 3.97 major, 3.95 overall
- Hammond Prize for distinction in mathematics
- Book Award Winner (4.0 overall GPA for year) 2011-12
- Sarah and James Bowdoin Scholar (Dean's List) all years
- Phi Beta Kappa

Research - Bowdoin College

2012-13

Research Assistant to Professor Jennifer Taback

- Conducted research in group theory and theoretical computer science
- Completed honors thesis, "[Language Theoretic Properties of Thompson's Group \$F\$](#) "
- Published "Tree-based language complexity of Thompson's Group F " (joint with Jennifer Taback) in *Graphs, Complexity, Cryptology*, vol. 7, no. 2, 2015, pp. 135–152. ([preprint](#))

Research - University of Wisconsin-Stout

Summer 2012

Participant in Mathematics REU

- Co-authored paper entitled "Word Length in Thompson's Group T " (joint with Faculty Director Matthew Horak and fellow REU participant David McKlveen)
- Presented at Joint Mathematics Meetings, San Diego (January 2013)

WORK EXPERIENCE

Localytics

Software Engineer II

Nov 2016 - present

- Curate petabyte-scale data warehouse
- Develop APIs to conveniently expose slices of data to internal teams and clients

Waterfall Media Group

Freelance Consultant & Software Developer

Nov 2015 - Nov 2016

- Assisted three different companies with email marketing and web development:
 - 1) Advised an Internet marketing company on building an email marketing system from scratch
 - 2) Built an email marketing system for a digital media company that monetizes their existing product line, generating \$500K/year in revenue
 - 3) Designed, developed, and deployed a web application for a mentoring organization that helps mentors track the progress of the students they mentor

NuFit Media

Director of Analytics

2015

Quantitative Analyst

2013 - 2015

- Managed team of seven analysts
- Wrote software to automate and optimize 200+ email marketing campaigns
- Built email marketing operation from scratch to \$6M revenue run rate

SKILLS & INTERESTS

<i>Data</i>	PostgreSQL, RabbitMQ, Redis, Airflow, SQLAlchemy; some exposure to Redshift, Snowflake, MapReduce
<i>Software</i>	Linux, Python, Scala; some front-end experience with HTML, CSS, JavaScript/jQuery; Git, Travis, Sentry for project management and workflow
<i>Interests</i>	Olympic Weightlifting, Powerlifting, Running