Chase P. Gruber

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EDUCATION

General Assembly (Jan. 2016)	**Duke University** (May 2014)	**Davidson College** (May 2012)
Washington, D.C.	Durham, NC	Davidson, NC
Web Development Immersive	Master of Environmental Management; Certificate in Geospatial Analysis and GIS	Bachelor of Science in Biology; Member of βββ Biology Honors Society

PROFESSIONAL EXPERIENCE

Management Systems International, Arlington, VA   Feb. 2016 - Present
Software Developer
  Creates full stack web applications, ranging from custom survey tools to data-centric dashboards and analysis tools. Developed an end-to-end web and mobile suite for designing, administering, and analyzing country-level early grade reading assessments, which has been used to test reading and math abilities of nearly 20,000 children in 3 countries. Deploys and maintains several web apps on AWS-hosted Ubuntu servers.

Cape Cod Commission, Barnstable, MA   May 2014 - Sep. 2015
GIS Analyst/Developer
  Built and deployed web mapping applications for Cape Cod's local government. Created a web application to display and score user-made infrastructure planning scenarios in the context of local economic and environmental data. Developed an interactive, data-driven information product highlighting various aspects of Cape Cod's economy.

Freelance Web Developer   Apr. 2015 - Jan. 2016
Major League Data Challenge (www.chasegruber.com/major-league-data-challenge)
  Claimed first prize in a data visualization challenge hosted by D.C. creative analytic design firm, *Graphicacy*. Visualized the careers of baseball's 20 best players using D3.js.

Farm Share NYC (www.farmshare.nyc/interactive-map.html)
  Developed a web map for farm share co-op in New York City. Set up GitHub credentials for client to add and edit farm share locations and meeting times using geojson.io.

Maptime Cape Cod, Barnstable, MA   Feb. - Sep. 2015
Co-founder and Organizer
  Helped launch local chapter of Maptime, an international community that provides open access to modern mapping technologies and trends. Led a meetup on web maps and mapping libraries that included a live coding demo showing how to build a simple, interactive web map.

PRESENTATIONS

Esri Developer Summit, Washington, DC   Feb. 2015
GIS Analysts Earn Web Development Chops
  Presented my experience developing a web mapping application for the first time. Highlighted my web development process, highs and lows of learning code, and Esri resources that led to success.

TECHNICAL SKILLS

Languages	**Frameworks/Libraries**	**Databases**	**DevOps**
JavaScript, Ruby, SASS, Bash, HTML, SQL, Python	Angular 1.x, Rails, D3.js, Bootstrap, PouchDB, Ionic/Cordova, React	PostgreSQL, CouchDB, MongoDB, MSSQL	AWS, Nginx, Ubuntu, Git, GitHub, BitBucket, Heroku