North American Knowledge Center, McKinsey & Company

Graduate Internship – Geospatial application developer

Introduction

McKinsey & Company (www.mckinsey.com) is a premier global management consulting firm that serves the world's leading companies on issues of strategy, operations, finance, marketing, and organization.

McKinsey's North American Knowledge Center (NAKC), located in Waltham, MA (20 minutes west of Boston), provides research and analytic support to McKinsey consultants. The Center hosts several industry and functional research teams as well as a few specialized teams, including the Geospatial Analytics unit. Geospatial Analytics supports consulting teams on a wide range of business issues that are geographic in nature and often cut across several industries and functions.

The Geospatial Analytics team has several distinct capabilities that leverage spatial analytics in terms of:

- o Applied spatial statistics/econometrics
- o Spatial optimization
- o Spatial data-mining
- o Ecological modeling
- o Demographic modeling
- o Spatiotemporal visualization

We are offering a paid internship for bright and creative developers with knowledge in one or more of these areas (or other related areas) to join our team and contribute to both development of existing tools and the design of new applications. The internship is a 10-20 hour a week commitment for 12-14 week period.

Requirements

- Strong academic qualifications, and currently pursuing an advanced degree (Master's, PhD) in programs such as GIS, Computer Science, Geography, Sociology, Mathematics, Engineering, Planning or other related fields
- Demonstrated experience in advanced spatial application development in one or more of the areas outlined above using advanced programming/development languages (e.g. R, JavaScript, Python, CSS, HTML, Ruby), technologies (e.g. Google Maps API, Open Street Map, Leaflet API) and/or relational databases (e.g. Postgres, PostGIS, MySQL)
- Entrepreneurial spirit and the ability to meet deadlines
- Strong interpersonal and communication (both oral and written) skills

Application and assessment process

Interested candidates should send a resume to Danielle Hafey, Recruiting Assistant (Danielle_Hafey@mckinsey.com).

We will conduct interviews on a rolling basis until a successful candidate is identified. The ideal start date is as soon as possible.