Saniul Ahmed

Mobile Developer

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GitHub · Twitter · LinkedIn

Experience

iOS Developer Hey, Inc
March 2014 - Currently; San Francisco, CA, United States
- Working on the Heyday iOS client.
- Developed new features and maintained existing code – extensive UIKit and Core Data work.
- Worked closely with designers to quickly iterate on features and create prototypes to try out design ideas.
- Took over lead developer's responsibilities after his departure.
- Maintained a high code quality bar writing testable code, ensuring pull request testing, code review and QA practices.

Head of iOS Development NeoSphere LLC
June 2012 - February 2014; Moscow, Russia
- Oversaw and participated in development of ~10 projects targeting iOS 5-7 on both iPhone and iPad.
- Managed the development process of the team, encouraged Cocoa coding conventions and best practices.
- Worked closely with designers to ensure adherence to the appropriate HI guidelines, provide early feedback and iterate throughout the development process.
- Grew the team, leading the hiring process and mentoring junior developers.
- Organised knowledge sharing sessions, both internal to the team and cross-team (e.g. with Design; with the Android Development team).
- Worked with management and clients on requirements and maintained the relationship during the development process.
- Managed iTunes Connect, Certificates and Provisioning Profiles.

Most of NeoSphere projects are now defunct, but some can still be seen on neosphere.com.

Velobike Personal Side Project
June 2013 - July 2013; Moscow, Russia
Unofficial app for users of the Moscow cycle-hire scheme. The app was featured in multiple popular Moscow media. It was taken down after the cycle hire operator released their own official application.

iOS Developer NeoSphere LLC
March 2012 - June 2012; Moscow, Russia

- Developed an app for the 2012 St. Petersburg International Economic Forum in a small team and on a tight deadline.

Final Year Individual Project (Master's Thesis) UCL
September 2010 - June 2011; London, United Kingdom

- Analysed and visualised Barclays Cycle Hire's station data in order to elicit properties of the service and its usage patterns.

- Implemented and evaluated several predictive models to identify which could be used to accurately forecast if (and how many) bikes/parking slots are available at a given station at a given time. The predictive techniques used comprise historical average and trend-based prediction, Kalman filters, Linear Regression and k-Nearest Neighbours.

Education

Master's Degree University College London
September 2007 - June 2011; London, United Kingdom
Master of Engineering in Computer Science;
First Class Honours, placed on the Dean's List;
Sessional prize – 2nd year;

Publications

Measuring the Impact of Opening the London Shared Bicycle Scheme to Casual Users – link
N. Lathia, S. Ahmed, L. Capra
Appeared in Elsevier Transportation Research Part C Vol. 22 (June 2012)

The Photos Framework - link
Appeared in objc.io #21 Camera and Photos (February 2015)

Languages

- English - fluent
- Russian - fluent
- Polish - fluent
- Spanish - beginner

Interests

- Human-Computer Interfaces
- Prototyping
- Education
- Transport Systems
- Travel and Photography