

**Amruta Ghate**  
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## EDUCATION

**UNIVERSITY of VIRGINIA**      **Bachelor of Science, 5/08**      Charlottesville, VA

- Double Major in Computer Engineering and Electrical Engineering
- Rodman Scholar - engineering honors program
- GPA – 3.6/4.0

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## SKILLS AND LANGUAGES

**Computer Languages:** C++, C#/.NET platform, JavaScript, Ruby/Rails, Powershell, CSS, HTML

**Platforms and Technologies:** Windows Server 2003 – 2012 R2, Active Directory, System Center 2012 (Operations Manager, VMM), extensive knowledge of PKI and IPv4 and IPv6 networking and security

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## PROFESSIONAL EXPERIENCE

**MICROSOFT**      **Consultant for Federal Sector, 5/11 - Present**      Reston, VA

### Highlighted Clients

Department of Homeland Security, 12/12 – Present      Springfield, VA

Designed and deployed a network architecture that allows 10k+ remote users access to intranet resources. Used inspection tools like Netmon to troubleshoot entire networking protocol stack. Built scripts using Powershell to configure and maintain infrastructure. Presented technology at TechReady 15 conference. Co-authored several technical documents detailing solution. Proactively took on project manager responsibilities to ensure success of project. Received cash award for exceptional performance from Microsoft in November 2012.

Philadelphia Police Department, 10/11 – 12/12      Philadelphia, PA

Designed and implemented an identity management infrastructure for the Philadelphia police department. Scripted deployment and maintenance of infrastructure. Authored several technical documents detailing solution. Received high praise from client and project team at the conclusion of engagement.

Federal Bureau of Investigation, 5/11 – 10/11      Reston, VA

Developed strategy to move identity management solution to more recent software. Co-authored a technical document detailing solution and maintenance plan of infrastructure. Client accepted solution and planned in-house implementation.

**MICROSOFT**      **Program Manager, 8/08 – 5/11**      **Redmond, WA**

Managed several high profile projects on the Active Directory product group in the Windows Server division;

Responsibilities included designing features for Active Directory and guiding 10+ person teams through the software development lifecycle. Worked closely with testers, developers, senior management, partner teams, and end users to design and deliver critical parts of Windows Server 2008 R2 Active Directory and Windows Server 2012 Active Directory.

## Highlighted Projects

### Integration of Virtualization and Domain Technologies

Managed a 15 person project and designed technologies to integrate virtualization and domain software. Established detailed costing, schedules, and business justifications for the features.

Authored functional specifications detailing scenarios, use-cases, user experience, and a high-level technical design.

### Managing Active Directory in Windows Server 2012

Managed 10 person project. Designed UI experience to deploy and manage Active Directory. Worked closely with user experience (UX) designers, customers, and partner teams to design an optimal experience. Established costs, schedules, and business justifications for design decisions with management. Authored functional specification for feature.

### Collecting Telemetry Data to Answer High-Priority Business Questions

Managed a 5 person, 1 year project to collect customer usage and Active Directory environment data. Worked closely with business strategists, customers and the product support team to prioritize data to capture. Wrote a series of very well received, widely circulated reports that synthesized captured data for Windows Server.

## **COMPUTER SCIENCES CORPORATION**

**Intern, 5/07– 8/07**

**Chantilly, VA**

Assisted in the development and staging of various solutions within the CSC Data Center Laboratory including virtualization and data center consolidation. Authored and presented to management a white paper on server and storage virtualization that compared products and highlighted the business case for implementing the solutions within CSC customer environments.

## **CENTRAL INTELLIGENCE AGENCY**

**Intern, 5/06 – 08/06**

**McLean, VA**

Assisted project managers to research and analyze classified material pertaining to spacecraft acquisition and other national intelligence.

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## **PROJECTS**

### **WEBSITE**

Used Bootstrap framework, HTML/CSS and Javascript to create personal website. Integrated Google Maps API. Link: [serafina.azurewebsites.com](http://serafina.azurewebsites.com)

### **SOME APP**

Using Ruby and Rails, created application to do x.

### **GAME**

Used NodeJS to do x.