

Saurav Chatterjee

113-115 Valentine Place, Apt 202

Ithaca, NY 14850

Tel: (206) 850-9890

sc476@cornell.edu

<http://www.cs.cornell.edu/~sc476>

Education	<p>Cornell University, Computer Science Masters Program. Graduating Spring 2006.</p> <p>University of Washington, Computer Science & Engineering Department, with College Honors. Graduated June 2005.</p>
Awards	<p>Undergraduate Service Award, UW Computer Science Department. Awarded to one graduating senior for outstanding service to the department.</p> <p>University of Washington Undergraduate Scholar Award for academic excellence.</p> <p>Brian Yamasaki Scholarship in Computer Science and Engineering, for demonstrating excellence in building software/hardware systems.</p>
Work Experience	<p>Expedia.com, <i>Intern Software Developer</i> (June – August 2005) Developed a proof-of-concept application to connect to Expedia's XML driven booking system with Royal Caribbean's proprietary binary format system. Designed and developed a GUI application in C# for developers to test and debug associated scripts.</p> <p>University of Washington, <i>Teaching Assistant, Operating Systems (CSE 451)</i> (Winter Quarter 2005) Taught students fundamentals of files systems, processes, threads and virtual memory. Composed homework assignments and graded tests. Received an excellent TA evaluation from professor.</p> <p>Research In Motion (RIM), <i>Intern Software Developer</i> (June – September 2004) Developed a performance monitoring system for RIM's e-mail application servers to ensure scalability and high availability.</p> <p>Intel Research, <i>Intern Research Assistant</i> (June – August 2002) Designed a system using accelerometers to achieve walking detection for mobile devices for wearable and context-aware computing.</p> <p>University of Washington, CSE Dept., <i>Research Assistant</i> (January – June 2002, August 2002 – April 2003) Architected and invented original prototype of TiltType. TiltType is a novel text entry method for very small devices (see publications).</p>
Publications	<p>Kenneth P. Fishkin, Kurt Partridge, Saurav Chatterjee. "Wireless User Interface Components for Personal Area Networks". <i>IEEE Pervasive Computing</i>, Vol. 1, No. 4, pp. 49-55, October-December 2002.</p> <p>Kurt Partridge, Saurav Chatterjee, Vibha Sazawal, Gaetano Borriello, Roy Want. "TiltType: accelerometer-supported text entry for very small devices". <i>15th Annual ACM Symposium on User Interface Software and Technology (UIST02)</i>, Paris, France, pp. 201-204, October 2002.</p>
Areas of Proficiency	<p>Programming/Scripting Languages: Java, C/C#/C++, Ruby, Perl, SQL, J2ME, Ant OS: Windows NT & Linux Kernel development; Other: TabletPC, PocketPC; WinCVS, Machine Learning, Neural Nets, Networking, Computer Vision, System Security, RFID</p>