

# SHRIPHANI PALAKODETY

Student ID: 0022432982  
Webpage: <http://shriphani.com>  
Mail: [spalakod@purdue.edu](mailto:spalakod@purdue.edu)  
Phone: (425)-623-2604

441, Hawkins Hall,  
430 Wood Street  
West Lafayette, IN-47906

## EDUCATION

**Purdue University** West Lafayette, IN 47907, Expected May 2012  
Ph: (765) 494-4600

- Bachelor of Science, Computer Science (Honors) and Mathematics
- Current Cumulative GPA: 3.95/4.0
- Dean's List and Semester Honors every semester

## EXPERIENCE

**Software Development Engineering Intern** Microsoft Corporation, May 2011 - Present  
Redmond, WA

- Implementing machine translation in Sharepoint Search
- Further details after completion of internship in Aug 2011

**Research Assistant** Purdue University, January 2011 - May 2011  
West Lafayette, IN

- Discovering algorithms for genuinity detection of real world objects
- Work supervised by Professor Mikhail Atallah

**Research Assistant** Kihara Bioinformatics Laboratory August 2009 - Dec. 2010  
Purdue University,  
West Lafayette, IN

- Implementing gene function prediction algorithms using Python.
- Work supervised by Dr. Daisuke Kihara.
- Poster: Chitale, Palakodety and Kihara at ISMB 2011

**Research Assistant** Vaccine Center Summer 2010  
Purdue University,  
West Lafayette, IN

- An emergency response system for Windows Mobile phones using C++ and OpenGL-ES
- Implemented virtual cameras, a 3D picking algorithm and experimented with a path-based information visualization technique
- Work supervised by Dr. David S. Ebert

## OPEN SOURCE CONTRIBUTIONS

- Voice activity detection algorithms : <http://github.com/shriphani/listener>
- Default textures for PySoy : <http://hg.pysoy.org/pysoy/rev/23a44251abf6?revcount=30>
- Python On Linux documentation : <http://docs.python.org/about.html?highlight=shriphani>

## SKILLS

- Python, C, Java, C#, C++, Assembly (Sparc, X86), HTML, CSS, ASP.NET

## HONORS AND AWARDS

- Outstanding Junior in Computer Science, 2011 - One receiptent per year
- Top Poster Presentation, Summer Undergraduate Research Fellowship (SURF) 2010

## POSTERS AND PUBLICATIONS

- *Functional coherence assessment for protein groups and its application to pathway assignment*  
Chitale, Kihara, **Palakodety** ISMB-2011