

PRIYANKA SWADI

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SUMMARY

Software Engineer with 4+ years of experience in web development. A firm believer in the objective honesty of data and the insights it can unlock. Excited to leverage my programming experience and data analysis skills to find unique insights from data.

COMPETENCIES

Data Analysis	Python, R, SQL, Excel, HTML, CSS, Javascript
Libraries/Frameworks	numpy, pandas, matplotlib, ggplot, plotly
Databases/Tools	MySQL, SQLite, Microsoft SQL, SVN, Git/Github

PROJECTS

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| Titanic Survival Exploration | Sep 2017 |
| • Analyse Titanic data and explore survival using numpy, pandas and report findings. | |
| Wrangle Openstreetmap data | Oct 2017 |
| • Audit, clean & explore extract for Albany, NY area using Python and SQL. | |
| Financial Contributions to 2016 Presidential Elections | Dec 2017 |
| • Analyse & explore the financial contributions to the 2016 presidential campaigns for the state of Pennsylvania using R. | |

EXPERIENCE

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| rtishare.org | May 2014-July 2015 |
| <i>Web Developer and Co-founder</i> | <i>Schenectady, NY</i> |
| • Conceptualized and designed the website, implemented features like location-based search, hierarchical tag cloud and tag-based search, using PHP, MySQL, XAMPP and AWS. | |
| DAC International | July 2010-Nov 2011 |
| <i>Software Engineer</i> | <i>Carpinteria, CA</i> |
| • Enhanced software to receive orders over Ethernet and implemented the protocol to handle sharing conflicts, error reporting for increased productivity. | |
| • Resolved legacy customer issues with complex lens design software and machining. | |
| RateMyFraternity Inc. | March 2010 - Nov 2011 |
| <i>Part time Web developer</i> | <i>Los Angeles, CA</i> |
| • Improved visibility by making the website SEO friendly with keyword-based URL mapping. After this change, for the first time since the launch of the website, it's rank on Alexa reached 300000. | |
| • Improved user experience by parsing reviews to keep the content informative and clean and created custom interface for web admins to ease website maintenance. | |
| HSBC GLT | July 2005-Dec 2006 |
| <i>Software Engineer</i> | <i>Pune, India</i> |
| • Developed, maintained and enhanced templates for business users through content management of the HSBC.com website with a cross-site team of two other developers. | |

EDUCATION

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|---|--------------------------|
| Udacity Data Analytics Nanodegree | <i>expected Jan 2018</i> |
| San Jose State University M.S. in Electrical Engineering (GPA: 3.68/4.0) | <i>May 2009</i> |
| University of Pune B.S. in Computer Science (First class with distinction) | <i>Aug 2005</i> |