# Saimadhav Heblikar

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| EDUCATION | • **P.E.S Institute of Technology, Bangalore**<br>*Bachelor of Engineering in Computer Science*<br>*(GPA : 9.42/10)* | 2013-2017 |
|---|---|---|
| EXPERIENCE | • **Microsoft India**<br>*Software Engineer Intern*<br>Worked with the Azure India team on the Service Fabric platform. Developed perf tests, sample showcase applications and Eclipse plugin for Service Fabric on Java. | 2016 |
| | • **Google Summer of Code**<br>*Student Developer,*<br>*Python Software Foundation*<br>Worked on IDLE – a Python IDE. Added linenumbering created a new plugin to enable code checking from within IDLE. A new GUI human test framework. | 2014 |
| | • **Teaching assistant**<br>Class of 40 students in Advanced Data Structures, helping Professor with administrative and course work | 2015 |
| RESEARCH | • **Query word labelling using supervised machine learning**<br>*FIRE2014(Published on ACM DL)*<br>Bilingual classification of mixed script(Indian language and English) and transliteration of Indian language words into Devanagiri script. | 2014 |
| | • **Normalization based stop-word approach to source code plagiarism detection**<br>*FIRE2015(Published conference proceedings)*<br>Plagiarism detection software with precision of 100% and F1-Measure of 74%. For detection of reuse of source code between C and Java. | 2015 |
| | • **Text normalization for microblogs**<br>*European Conference on Information Retrieval Reproducible IR task*<br>To build a lexical normalization dictionary via simple string substitution and pair reranking. | 2015 – Present |
| | • **Cachediff**<br>A tool for localized cache performance analysis. To detect how local variation in C/C++ code affects global cache performance. | 2015 - Present |
| OPEN SOURCE | • **CPython**<br>Developer for IDLE Python IDE as a part of CPython. | 2013 - Present |
| | • **PES Open Source Community**<br>Coordinate and organize open source related activities | 2013 - Present |
| SKILLS | Python, C , Java (Basic) and Unix(Basic)<br>Test Driven Development<br>Git and Mercurial | |
| TALKS | • Bilingual Classification Techniques, PESIT | 2014 |
| | • GSoC Talks – Introduction Google Summer of Code | 2015 |