**Profile Summary**:

I am a polyglot professional dabbling in various programming languages, documenting my experiments with programming, a patent professional who has performed prior art searches, drafted patent applications for the Indian Patent Office and United States Patent Office. I am an independent research professional. I have experience writing, editing, and proofreading academic papers and comfortable with Chicago, APA, and other writing formats. I have presented at IEEE conferences. I have my own provisional patent application filed at the Indian Patent Office. I have earlier coded in C, Protel, and UNIX. I am now mostly comfortable with Python language and have authored a book intended to be a primer for Python programming. I have conducted one day "Introduction to Python Programming" workshops and have experience holding events such as conferences, and workshops. I am the founder of PyLadies Bangalore chapter, PyData Bangalore and one of the eleven directors of Python Software Foundation.

**Education**:

|  |  |  |  |
| --- | --- | --- | --- |
| Name of Examination | Board Appearing | Year of passing | Percentage obtained |
| Tenth Standard | Karnataka State Board | 1998 | 82.88/100 |
| Pre University course | Karnataka State Board | 2000 | 75/100 |
| Bachelors in Electrical and Electronics Engineering | Bangalore University | 2004 | 69.9/100 |
| Masters in Electrical Engineering | University at Buffalo, Buffalo, NY, USA | 2008 | 3.03/4.0 |

**Work Experience**:

**Outreachy Intern Dec 2016 — Mar 2016**

*Openstack, Bangalore, India*

Keystone/Infra - Improving Keystone jobs for new scenarios   
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Ensure that the current jobs on Jenkins cover the new features on Keystone, such as   
  
\* fernet tokens,   
\* v3 API, and   
\* functional tests.

**Python Programming Course Instructor Aug 2016 — Dec 2016**

*Center for Continuing Education, Indian Institute of Science, Bangalore, India*

Teach Python programming, grading mark sheets, and overall course co-ordination.

**Founder August 2016 — Present**

PyData Bangalore, Bangalore, Karnataka, India

Conduct events to popularise use of Python for Data Sceinces

**Director June 2016 — Present**

*Python Software Foundation*

Review Python Software Foundation grants, appoint committee members.

**Founder July 2013 — Present**

*PyLadies Bangalore, Bangalore, Karnataka, India*

Train women and children, and men supportive of women to program in Python.

**Project Assistant Nov 2015 — July 2016**

*IPTel, Indian Institute of Science, Bangalore, Karnataka*

Review legal documents, make amendments and add necessary clauses to the legal documents.

**Research Associate July 2014 — Dec 2014**

*Spearhead Eduonline, Bangalore, Karnataka*

Conduct internet search for potential courses and course instructors for online trainings.

**IEEE certified trainer  Aug 2012 —Aug 2014**

*Latitude Edutech Pvt Ltd, Bangalore, Karnataka*

Conducted trainings and prepared training material for software development life cycle, software quality assurance, software maintenance.

**Team Leader Dec 2012 — Apr 2013**

*Infratab Freshtime Pvt Ltd, Bangalore, Karnataka*

Programming in Mathematica.

**Junior Research Fellow Jan 2012 — Aug 2012**

*Indian Institute of Science, Bangalore, Karnataka*

Programming in Labview

**Project Assistant May 2011 — Sept 2011**

*Indian Institute of Science, Bangalore, Karnataka*

Conducted interviews of visionaries and prepared reports for areas of mutual interest in the information and communication technology areas for areas of mutual interest between India and European Union.

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**Technical Patent AnalystFeb 2010 — Dec 2010**

*Unicita Consulting Pvt Ltd, Bangalore, Karnataka*

Searched for patents and drafted patent applications

**Electrical Engineer Feb 2008 — July 2009**

*Kistler Instrument Corporation, Buffalo, New York*

Breadboarded circuits and reported the simulation results for the same.

**Student Assistant ProgrammerJan 2007 — Dec 2007**

*School of Public Health and Health Professions, University at Buffalo, Buffalo, NY*

Coded for the school website, [www.sphhp.buffalo.edu](http://www.sphhp.buffalo.edu/) in PHP and SQL.

**Software Engineer Sep 2004 — July 2006**

*Infosys Ltd, Bangalore, Karnataka*

Maintained documents for code written in Protel language for mobile switching software.

**Member Development Officer**, **Aug 2002 -- Aug 2003**

*IEEE-UVCE student chapter, UVCE, Bangalore, Karnataka*

Conducted membership drive for IEEE-UVCE chapter and inducted 70 student members into the IEEE-UVCE student chapter.

**Technical Skills**:

Languages :Python, PHP, SQL, MySQl, HTML

Software :MS office

Hardware :Arduino, Raspberry

OS :Windows, Linux, Unix

Research :Edit/Review Technical papers, Market Research, Patent Search, Patent Drafting

Others :Internet Research skills, Digital marketing

Wikipedia :<https://en.wikipedia.org/wiki/User:Annakoppad>

Stackoverflow :<http://stackoverflow.com/users/6229429/annapoornima-koppad>

Linkedin :<https://www.linkedin.com/in/akoppad>

Twitter :<https://twitter.com/annakoppad>

Blog :<http://akoppad.blogspot.in/>

Youtube :https://www.youtube.com/channel/UCrW7JQysC5UyfIQ9lKTVExA

Facebook Page :https://www.facebook.com/akoppad

**Publications:**

1. *“****Technology Forecasting using Indian Patent Data****”,* October 2016(Wok under Progress), Annapoornima Koppad, Bangalore, India*.*
2. *“****Patent Statistics and Market Value of Indian Information Technology firms****”,* October 2016(Wok under Progress), Annapoornima Koppad, Bangalore, India*.*
3. *“****Patent Counts and Market Value of Indian Information Technology firms****”,* September 2016(Awaiting review and results), Annapoornima Koppad, Bangalore, India*.*
4. *“****Foresight Study ICT R&D Trends in India****”*, September 2011, Prof Mary Mathew, Annapoornima Koppad, et al, Indian Institute of Science, Bangalore, India.

**Projects:**

1. ***“PyLadies Conference Website –*** [***www.conference.pyladies.com***](http://www.conference.pyladies.com/)***”***, October 2016 – Present, Annapoornima Koppad, PyLadies, Bangalore, India.
2. ***“PyLadies Bangalore Chapter Website –*** [***www.pyladies.co***](http://www.conference.pyladies.com/)***.in”***, October 2016 – November 2016, Annapoornima Koppad, PyLadies, Bangalore, India.
3. ***“Data Collection and Visualization System using Open Source Hardware and Software”***,August 2016 – Present, Annapoornima Koppad, Women Scientist Program - A, Department of Science and Technology, Bangalore, India.
4. **“*Electrical load line Sensor*”**, June 2016 ***–*** Present, Annapoornima Koppad, Bangalore, India.
5. ***“Data Collection using Raspberry Pi 3.0 and Temperature Sensors”***, June 2016, Annapoornima Koppad, Indian Institute of Science, Bangalore, India.
6. ***“Substation Fault Recording System”***, Thesis submitted to Bangalore University, August 2004, Annapoornima Koppad, Archana Pujar, Sunlux Technologies Limited, Bangalore, India.
7. “***Superconducting Semiconductor Oxides***”, Annapoornima Koppad, Solid State Chemistry Unit, Indian Institute of Science, Bangalore. (Submitted to KVPY, Indian Institute of Science, Bangalore 2000)

**Patents:**

1. “***Method and Systems for Real Time Processing of Data and Alerting Mechanism***”, Indian Patent Application No: 201641008751(Patent pending), Inventor: Annapoornima Koppad

**Books Authored:**

1. ***“Bhandavya – A tale of two sisters, love and deceit included”***, Annapoornima Koppad, October 2016, Work Under Progress
2. ***“My Son, My lover”***, Annapoornima Koppad, October 2016, Work Under Progress
3. ***“Incoherent Ramblings of a Coherent Mind”,*** Annapoornima Koppad, October 2016, Amazon Scout Publishing(Under Review – https://kindlescout.amazon.com/p/3GFS76N6J5U06)
4. ***“Stories from Everyday Life”,*** Annapoornima Koppad, September 2016, Amazon Kindle: B01LXLT02S
5. ***“Shards of Broken Mirror”***, Annapoornima Koppad, July 2016, Amazon Kindle: B01J913UJS
6. “***Introduction to Python Programming***”, Annapoornima Koppad, May 2016, Amazon Kindle: B01F7XH8TU

**Conferences/Seminars Organized:**

1. Pyladies Conference, Bangalore, India, May 5-7, 2017, Bangalore, India
2. Workshop Organized, Instructor, “***Introduction to Python Programming***”, 22nd August, 2016, Impact College of Engineering, Kodigehalli, Bangalore, India,
3. Workshop Organizer, Speaker, “***Python workshop including Deep Learning, Natural Language Processing, Machine Learning***”, 19-20 August 2016, Department of Electrical and Communication Engineering, Indian Institute of Science, Bangalore, India.
4. Workshop organizer, “***Introduction to Python programming to High School Students from 8th Standard to 12th Standard***”, 16th July, 2016, St Angels English High School, Bangalore, India.
5. Workshop organizer, Instructor, “***Introduction to Python programming***”, 30th April, 2016, Center for Internet and Society, Indiranagar, Bangalore, India.
6. Invited Speaker, EECS Symposium, “***Role of Intellectual Property at Indian Institute of Science***”, 28th April, 2016, Indian Institute of Science, Bangalore, India.
7. Invited Speaker, IEEE Workshop on Optimizing Patent Research on “***Role of Intellectual Property and Technology Licensing at Indian Institute of Science***”, 25th April, 2016, IEEE Office, World Trade Center, Bangalore, India.
8. Workshop organizer, Instructor, “***Introduction to Python programming***”, September, 2013, Thought works Private Limited, Bangalore, India.

**Conferences/Seminars Attended:**

1. Microsoft India Summer School 2016 on Internet of Things, June 20, 2016 – June 25, 2016, Indian Institute of Science, Bangalore.

**Memberships:**

* Institution of Electrical and Electronics Engineering (IEEE) Member
* IEEE Young Professionals Member
* IEEE Computer Society(CS) Member

**Scholarships, Awards and Grants:**

1. Women Scientist Program – A Fellowship, India, 2016
2. ROSCON 2016 Diversity Scholarship, Seoul, Korea, October 2016 (Declined).
3. Wikipedia Conference India 2016, Chandigarh, India, Scholarship, August 2016.
4. Grant for conducting one day Introduction to Python programming workshop from Python Software Foundation, April 2016.
5. Internship with OpenStack, Outreach Program for Women, December – March 2016.
6. Grant for conducting workshops from Python Software Foundation, Sept 2012.

**Certifications:**

1. Google Certified Educator, July 2016 – July 2018.

**My interviews:**

1. Python Podcast - https://www.podcastinit.com/episode-81-annapoornima-koppad/

**Extracurricular Activities:**

1. Completed a course on Basic Photography by Anand Sharan, Bangalore, India, 2011.
2. Drama workshop at Indian Institute of Science, Bangalore, India.
3. Painting, Sketching
4. Certified Zumba Instructor
5. Shooting movies, Documentaries
6. Reading
7. Cooking
8. Sports
9. Rifle Shooting
10. Writing
11. Completed treks in Kumaraparvata(Karnataka), Chennagiri(Karnataka), Horseley Hills(Karnataka).
12. Speaking

**References**:

1. Prof. V. Keshava Murthy,

Sapthagiri Engineering College, Bangalore, India

[profvkm@yahoo.com](mailto:profvkm@yahoo.com)

Ph(m): 9449039464

1. Prof. Chandrakant Pujary,

Dr. Ambedkar Institute of Technology, Bangalore, India

[varuncp@rediffmail.com](mailto:varuncp@rediffmail.com)

Ph(m): 9964340975

1. Prof. Parameshwar Iyer,

Department of Management Studies,

Indian Institute of Science, Bangalore, India

[piyeriisc@gmail.com](mailto:piyeriisc@gmail.com), [piyer@mgmt.iisc.ernet.in](mailto:piyer@mgmt.iisc.ernet.in)

Ph(m): 9886102448

I hereby certify that the above stated details are true to the best of my knowledge.

Place: Bangalore Annapoornima Koppad