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# AZZAM SYAWQI AZIZ

## EMPLOYMENT

Software Engineer, Intern	Biznet GIO Nusantara	July - Aug 2018
neo-cli ( <a href="https://github.com/BiznetGIO/neo-cli">github.com/BiznetGIO/neo-cli</a> ): Agnostic Orchestration Tools for Openstack.		
<ul style="list-style-type: none"><li>Improved unit testing coverage by 54% through adding more unit test cases.</li><li>Implemented smart login for openstack multi-region by implementing algorithm to check previous login session.</li><li>Added documentation for user and developer.</li><li>Refactored some part of code base to comply clean code practice.</li><li>Leveraged knowledge in pytest, ordering test with pytest-ordering, mocking with monkeypatch, debugging with pdb, continuous integration and delivery with TravisCI, and style convention with PEP 8.</li></ul>		

## EDUCATION

Malang, Indonesia	University of Brawijaya	Aug 2015 – Current
<ul style="list-style-type: none"><li>B.S.E. in Computer Science.</li><li>Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture.</li></ul>		

## TECHNICAL EXPERIENCE

### Personal Website

[azzamsa.com](https://azzamsa.com) (for additional information and projects)

### Plagiarism Prevention System

Lupv ([gitlab.com/azzamsa/lupv](https://gitlab.com/azzamsa/lupv))

- Developed desktop application that able to prevent student plagiarism by recording file changes and activity logging.
- Integrated matplotlib allowing teacher to visualize edit distance value in file changes.
- Integrated pyyaml allowing teacher export edit distance value to file with specific format.
- Utilized: Python, PyQt, GitPython, pendulum, editdistance, matplotlib, pyyaml, pytest, pyfakefs, pypi.

### Pelican Theme (contributor)

Elegant ([github.com/Pelican-Elegant/elegant](https://github.com/Pelican-Elegant/elegant))

- Added ability to hide comments in specified page by implementing 'comments' metadata.
- Added ability to show reading time needed in specified article by implementing support for 'post\_stats' plugin.
- Added ability to hide specified page by implementing 'visible' metadata.
- Utilized: Python, Pelican, Jinja2, Makefile.

## SKILLS

### Languages

- (Proficient): Python, Common Lisp, Elisp (familiar): Java; SQL; JavaScript; HTML/CSS

### Softwares and Technologies

- PyQt, TravisCI, Gitlab CI/CD, AWK,  $\text{\LaTeX}$