

# Diego Assis

SOFTWARE ENGINEER

Campinas, São Paulo - Brazil

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## Summary

From Jataí, a municipality in southern Goiás state, Brazil, has earned his degree in **Computer Engineering** from **Unicamp** (University of Campinas). Since 2009, works as a **system developer analyst** at Unicamp Institute of Chemistry, mostly developing **full stack web applications** using *Node.js*, *Angular*, *SQL* and *MongoDB*. Also has fluency programming in *Python*, *TypeScript*, *Shell Script*, *PHP* and using *Regular Expressions*. Has a **solid conceptual basis**, **easy learning** and **good communication skills**. Recently became interested in the **data field** and, since then, is dedicated to learning more and more and changing his working focus.

## Education

### Unicamp (University of Campinas)

BS IN COMPUTER ENGINEERING

Campinas, Brazil

Mar. 2003 - Jul. 2009

## Work Experience

### Unicamp - Institute of Chemistry

SYSTEM DEVELOPER ANALYST

Campinas, Brazil

Sep. 2009 — Present

- Develop and maintain web applications used by students, professors and staff at Unicamp Institute of Chemistry
- Full stack development with JavaScript/TypeScript, using *Node.js* and *Angular* most of the time
- Operate relational (*MySQL*, *PostgreSQL* and *SQL Server*) and non-relational (*MongoDB*) databases
- Sometimes write *bash scripts* and *PHP* and *.net* codes
- Developed alone a graduate management system. His predecessor costed hundreds of thousands of Brazilian Real and never solved the problem the right way
- His application to control laboratory experiments in execution won a PAEPE Award, competing with professionals from all areas
- Was elected to University Council, being the most voted in his category

### Unicamp - Computing Center

PROGRAMMER

Campinas, Brazil

Feb. 2008 — Sep. 2009

- Software development with focus in multimedia application (live streaming and video on demand)
- Software development using *PHP*, *jQuery*, *Vanilla JS* and *Bash Script*. Intensive work with *FFmpeg* and *GIMP*
- Audiovisual production and post production
- Online course application support

## Skills

<b>Web development</b>	HTML, CSS, JavaScript, PHP, REST, GraphQL
<b>JavaScript</b>	TypeScript, Node.js, Express, NestJS, Jest, Angular, Angular Material, React
<b>Database</b>	MySQL, PostgreSQL, SQL Server, MongoDB, Neo4j, Dgraph, ORM
<b>Python</b>	NumPy, Pandas, Jupyter Notebook
<b>DevOps</b>	Docker, Kubernetes, Gitlab CI/CD, Github Actions
<b>Git</b>	Github, Gitlab
<b>Linux</b>	Bash, zsh, Debian, Arch, CentOS, SELinux, Vim
<b>Cloud</b>	AWS
<b>Programming languages</b>	Shell Script, Go, C, .net, Java
<b>Audiovisual post production</b>	Davinci Resolve, Premiere, After Effects, Photoshop, Gimp, Inkscape
<b>Misc</b>	Regular Expressions, Social Communication, Wordpress, Mediawiki, $\LaTeX$
<b>Languages</b>	Portuguese, English, Spanish

## Honors & Awards

2012 **PAEPE Career Professionals Award**, Unicamp

Campinas, Brazil