

# Tyler Sedlar

*Programming is one of my favorite activities. It is a field that is constantly progressing and evolving; posing new challenges and concepts which I strive to learn.*

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## Education

|  |             |
|--|-------------|
| <b>AAS Mobile Application Programming.</b> | <b>2019</b> |
| Rio Salado College, AZ, 3.6 GPA            |             |
| <b>CCL Programming.</b>                    | <b>2018</b> |
| Rio Salado College, AZ, 3.6 GPA            |             |

## Experience

|   |                  |
|---|------------------|
| <b>Freelance, Software Developer.</b>   | <b>2014–Now</b>  |
| <i>Created FOSS projects with Java, Kotlin, NodeJS, and Python</i>  |                  |
| Achievements:   |                  |
| <ul style="list-style-type: none"><li>Created a Java bytecode analysis library written in NodeJS</li><li>Built a Java bytecode control flow library using ASM</li><li>Wrote macro software for an MMO using color analysis</li><li>Authored a web extension used to track TV show progress</li><li>Composed a Java-Agent used to view runtime method data</li><li>Built an NPM module used to scrape GitHub user data</li></ul> |                  |
| <b>Gold4Players LLC, Software Developer.</b>  | <b>2013–2014</b> |
| <i>Created public macro software with Java for an MMO</i>   |                  |
| Achievements:   |                  |
| <ul style="list-style-type: none"><li>Re-engineered Java bytecode for runtime reflection</li><li>Created a plugin repository web application in PHP</li><li>Managed plugins using MySQL and MySQL Workbench</li></ul>   |                  |
| <b>Dequeue Ltd, Software Developer.</b>   | <b>2010–2013</b> |
| <i>Created macro plugins with Java used for game automation</i>   |                  |
| Achievements:   |                  |
| <ul style="list-style-type: none"><li>Published plugins to a central repository for public use</li><li>Maintained and monetized plugins for long lengths of time</li></ul>  |                  |

## Favorite Projects

|  |               |
|--|---------------|
| <b><u>sedlar-bytecode.</u></b>                                       | <b>Java</b>   |
| A custom Java bytecode library used for static analysis              |               |
| <b><u>asm-framework-full.</u></b>                                    | <b>Java</b>   |
| A full analysis/modification framework for ASM                       |               |
| <b><u>agent-callback.</u></b>  | <b>Java</b>   |
| A Java-Agent used to view runtime method data                        |               |
| <b><u>anitrack.</u></b>  | <b>NodeJS</b> |
| A web extension used to track what you're watching with MAL or Kitsu |               |
| <b><u>javanalysis.</u></b>   | <b>Kotlin</b> |
| A framework that improves analysis functionality of javassist        |               |

## Tools

Java, Kotlin, ASM, Maven, JavaScript, NodeJS, MongoDB, Mongoose, Express, Angular 2, SASS, Python, MySQL, Git, HTML, CSS, PHP, jQuery, ReactJS