Onboarding

1103 0x00. Shell, navigation

1104 0x02. Emacs

100021 0x03. vi

1106 0x01. Git

Low-level programming & Algorithm - Hatching out

- 212 0x00. C - Hello, World
- 213 0x01. C - Variables, if, else, while
- 100073 First Day of C Programming
- 214 0x02. C - Functions, nested loops
- 539 0x03. C - Debugging
- 215 0x04. C - More functions, more nested loops
- 216 0x05. C - Pointers, arrays and strings
- 217 0x06. C - More pointers, arrays and strings
- 218 0x07. C - Even more pointers, arrays and strings
- 219 0x08. C - Recursion
- 220 0x09. C - Static libraries
- 221 0x0A. C - argc, argv
- 222 0x0B. C - malloc, free
- 223 0x0C. C - More malloc, free
- 224 0x0D. C - Preprocessor
- 225 0x0E. C - Structures, typedef
- 226 0x0F. C - Function pointers
- 227 0x10. C - Variadic functions
- 228 0x11. C - printf
- 232 0x14. C - Bit manipulation
- 242 0x18. C - Dynamic libraries
- 273 0x1C. C - Makefiles

Low-level programming & Algorithm - Data structures and Algorithms

- 229 0x12. C - Singly linked lists
- 230 0x13. C - More singly linked lists
- 240 0x17. C - Doubly linked lists
- 249 0x19. C - Stacks, Queues
- 253 0x1A. C - Hash tables
- 248 0x1B. C - Sorting algorithms & Big O
- 270 0x1D. C - Binary trees
- 295 0x1E. C - Search Algorithms

Higher-level programming

Higher-level programming - Python

- 231 0x00. Python - Hello, World

- 233 0x01. Python - if/else, loops, functions

- 239 0x02. Python - import & modules

- 241 0x03. Python - Data Structures: Lists, Tuples

- 243 0x04. Python - More Data Structures: Set, Dictionary

- 245 0x05. Python - Exceptions

- 247 0x06. Python - Classes and Objects

- 250 0x08. Python - More Classes and Objects

- 252 0x09. Python - Everything is object

- 246 0x07. Python - Test-driven development

- 254 0x0A. Python - Inheritance

- 260 0x0B. Python - Input/Output

- 331 0x0C. Python - Almost a circle

- 283 0x0F. Python - Object-relational mapping

- 299 0x10. Python - Network #0

- 300 0x11. Python - Network #1

Higher-level programming - Javascript

- 303 0x12. JavaScript - Warm up

- 304 0x13. JavaScript - Objects, Scopes and Closures

- 333 0x14. JavaScript - Web scraping

- 305 0x15. JavaScript - Web jQuery

Higher-level programming - Databases

- 272 0x0D. SQL - Introduction

- 274 0x0E. SQL - More queries

Higher-level programming - AirBnB clone

- 263 0x00. AirBnB clone - The console
- 268 0x01. AirBnB clone - Web static
- 289 0x02. AirBnB clone - MySQL
- 288 0x03. AirBnB clone - Deploy static
- 290 0x04. AirBnB clone - Web framework
- 301 0x05. AirBnB clone - RESTful API
- 309 0x06. AirBnB clone - Web dynamic

System engineering & DevOps

System engineering & DevOps - Bash

- 205 0x00. Shell, basics

- 207 0x01. Shell, permissions

- 208 0x02. Shell, I/O Redirections and filters

- 209 0x03. Shell, init files, variables and expansions

- 251 0x04. Loops, conditions and parsing

- 255 0x05. Processes and signals

System engineering & DevOps - Scripting

- 78 0x06. Regular expression

- 269 0x15. API

- 314 0x16. API advanced

System engineering & DevOps - Networking

- 259 0x07. Networking basics #0

- 285 0x08. Networking basics #1

System engineering & DevOps - Web stack

- 302 0x09. Web infrastructure design

- 266 0x0C. Web server

- 275 0x0F. Load balancer
- 276 0x10. HTTPS SSL
- 298 0x11. What happens when you type google.com in your browser and press Enter
- 280 0x14. MySQL
- 281 0x18. Webstack monitoring
- 311 0x1A. Application server

System engineering & DevOps - Security

- 244 0x0B. SSH
- 284 0x13. Firewall

System engineering & DevOps - On call

- 294 0x19. Postmortem

System engineering & DevOps - CI/CD

- 292 0x0A. Configuration management

Portfolio Project - Portfolio Project

- 361 Research & Project approval (Part 1)
- 571 Research & Project approval (Part 2)
- 572 Research & Project approval (Part 3)
- 565 Build your portfolio project (Week 3): Project Landing Page
- 312 Build your portfolio project (Week 1): Making Progress
- 567 Cleanup your Portfolio Project
- 564 Build your portfolio project (Week 2): MVP Complete
- 566 Portfolio Project Blog post
- 573 Build your portfolio project (Week 3): Presentation