CURRICULUM VITAE

Personal data

Name:	*Yoandry Enrique Lumpuy Marrero.*
Native of:	*Cabaiguán, Sancti Spíritus.*
Date of birth:	*December 8, 1984.*
Nationality:	*Cuban.*
Municipality:	*Sancti Spíritus.*
Province:	*Sancti Spíritus.*
Country:	*Cuba.* *Zip Code: 60200*
Phones:	*(+53)-53129327*
Mails:	*yoandry.lumpuy@yandex.com; ylumpuy2015@gmail.com;*
GitHub repository:	*https://github.com/yoandryLumpuy*
LinkedIn account:	*https://www.linkedin.com/in/yoandrylumpuy/*

University Education

Graduated of:	*University level (Bachelor's degree)*
Specialty:	*Bachelor's degree in Computer Science.*
Date:	*17 de julio de 2009.*
Place:	*Central University "Martha Abreu" of Las Villas. Santa Clara. Cuba.*

University Diploma Work

Title:	*software development management tool for SCRUM-UP process.*
Tutors:	*Dr. Raúl Fernández Álvarez and LIC. Yusmaikel Cabrera Marín.*
Seminar:	*Software Engineering.*

Current employment data

Entity:	*ATI Company, Sancti Spíritus Division.*
Telephone:	*(+53) (41) 328852.*
Email:	*yoandry@atiss.une.cu*
Job:	*Specialist B in Computer Science.*

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Msc. Yoandry Enrique Lumpuy Marrero.
January 22, 2022, Sancti Spíritus, Cuba

Other degrees and diplomas obtained

• Graduate of: Master in Applied Informatics	

Specialty:	*Computer Science*
Date:	*July 17, 2018.*
Presented work:	*"Control of the electrical network with Switching"*
Tutor:	*Dr. C. Raúl Fernández Álvarez.*
Place:	*University "Máximo Gómez Báez" of Ciego de Avila. Cuba.*

• Diploma:	*Diplôme d'Etudes en Langue Française DELF B1.*

Level:	*Level B1 of the common European framework of reference for languages.*
Date:	*July 30, 2013*
Candidate number:	*053226-003816*
In. Diploma:	*053226-201306T-2052384*
Place:	*Alliance française in Santiago de Cuba.*

• Diploma:	*Diplôme d'Etudes en Langue Française DELF B2.*

Level:	*Level B2 of the common European framework of reference for languages.*
Date:	*August 29, 2014*
Candidate number:	*053226-003816*
In. Diploma:	*053226-201406T-2459296*
Place:	*Alliance française in Santiago de Cuba.*

• Diploma :	*Attestation du Test de connaissance du français pour le Québec*

Level:	*oral comprehension (B2), oral Expression (B1)*
Date:	*May 6, 2015*
In. Diploma:	*053007-01-150506-773998*
Place:	*La Havane, Alliance française*

• Diploma :	*Attestation du Test de connaissance du français pour le Québec*

Level:	*oral comprehension (B1), oral Expression (B1)*
Date:	*April 19, 2017*
In. Diploma:	*053007-01-170419-1043332*
Place:	*Santiago de Cuba, Alliance française.*

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Participation in projects.

1. "Sendvalu Project" (https://www.sendvalu.com): Project dedicated to sending remittances to various points of the world geography with architecture designed to expand towards the provision of wallet services, sending mobile top-ups, exchanges trading

    Technologies and programming languages used:

    C# language, .Net Core. Blue services. Scrum Methodology

2. "Sodexo Project": Large system developed based on several microservices that act in different aspects of finance and that are integrated with the systems of the multinational company of French origin Sodexo with a subsidiary currently in Colombia. [Company Dynasystems S.A.S]

    Technologies and programming languages used:

    C# language, Azure ServiceBus, Azure Application Insights, Net Core, Masstransit library for implementation of the microservices communication bus.

3. "Oigame-Compelsiones": Project for the integration of sending notifications from Oigame to Colpensiones. Development of code refactorings in this microservice to achieve code cleanliness, development of the entire HealthChecks mechanism to assess the health of the microservice. [Company Dynasystems S.A.S]

    Technologies and programming languages used:

    C# language, .Net Core

4. "Sodexo Token": Implementation of the security logic with access to an Identity Server through the Identity Model. [Company Dynasystems S.A.S]

    Technologies and programming languages used:

    C# language, .Net Core

5. "OigameFiducolmena": Integration project for biometric validation and signing of documents with ADO and Lleida. [Company Dynasystems S.A.S]

    Technologies and programming languages used:

    C# language, .Net Core, Masstransit library for micro-service state machine implementation

6. "Test project: News". (Description and code located in the GitHub repository declared on the cover. With a delivery time of one week and after the due time, work on it was stopped)

    Technologies and programming languages used:

    C # language, Dot .NET Core for the backend, Angular for the frontend. Angular Material components library.

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7. "Test project: Reservations". (Description and code located in the GitHub repository declared on the cover. With a delivery time of one week and after the due time, work on it was stopped).

    Technologies and programming languages used:

    C # language, Dot .NET Core for the backend, Angular for the frontend. Angular Material components library.

8. "Image gallery". (Code located in the GitHub repository declared on the cover).

    Technologies and programming languages used:

    C # language, Dot .NET Core for the backend, Angular for the frontend. Angular Material components library.

9. "Expert system for predicting student performance"" Universidad Central Martha Abreu de las Villas, Santa Clara, Cuba [as Co-author].

    Technologies and programming languages used:

    UML, Java, NetBeans (IDE), Starteam and SQLServer.

10. "ProjectSCRUM: software development management tool for SCRUM-UP agile process"" (Undergraduate thesis).

    Technologies and programming languages used:

    UML, Enterprise Architect, Object Pascal, Delphi 2006 (IDE), SQL Server, Starteam. Access to the repository of both Enterprise Architect and Starteam, through the automation interface (COM) provided by each.

11. "Web interface for the ProjectSCRUM tool" Information Technology and automation company (ATI), Sancti Spíritus division.

    Technologies and programming languages used:

    UML, PHP, phpStorm (IDE), MySQL, XHTML, CSS, JavaScript, Apache Web Server.

12. "Multi-user information management system related to the payment of stipend to university students of Medical Sciences and the higher Pedagogical Institute, Sancti Spíritus" (ESTIPEN v1.0). Company Desoft, Sancti Spíritus Division.

    Technologies and programming languages used:

    UML, Java, Swing, Open Swing, Hibernate, NetBeans (IDE), Starteam and POSTGRE SQL.

13. "HIDROGES 1.0: water Balance management tool at national level" Company Desoft, Sancti Spíritus Division.

    Technologies and programming languages used:

    UML, Java, Swing, Open Swing, Hibernate, NetBeans (IDE), Starteam and POSTGRE SQL.

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14. "WinGENERAL v2.0 "(module for the simulation and study of secondary, primary and subtransmission electrical networks). Information Technology and automation company (ATI), Sancti Spíritus division. [As Co-author]

    Technologies and programming languages used:

    UML, Enterprise Architect, Object Pascal, Embarcadero RAD Studio 2010 (IDE), SQL Server, Starteam.

15. "Switching: module for the control of the electrical network" (module that allows the direct manipulation of the elements of the electrical network). Information Technology and automation company (ATI), Sancti Spíritus Division.

    Technologies and programming languages used:

    UML, Visual Studio .NET 2015 (IDE), SQL Server, Linq, .NET Remoting, DevExpress (visual component library), GitLab (configuration management)

16. "Monolineal module" (module that manages electrical maps of the electricity network of Cuba). Information Technology and automation company (ATI), Sancti Spíritus Division. [As Co-author]

    Technologies and programming languages used:

    UML, Visual Studio .NET 2015 (IDE), SQL Server, Linq, .NET Remoting, DevExpress (visual component library), GitLab (configuration management).

17. "Monitoring module" (module primarily responsible for monitoring tasks with respect to the operation of the electricity network by dispatchers in the provincial offices of the Cuban Electrical Union). Information Technology and automation company (ATI), Sancti Spíritus Division. [As Co-author]

    Technologies and programming languages used:

    UML, Visual Studio .NET 2015 (IDE), SQL Server, Linq, .NET Remoting, DevExpress (visual component library), GitLab (configuration management).

18. "Topology Server"(Server that contains a representation of the electrical network and allows interaction between the following client modules: switching, monolinear and monitoring, mentioned above. This server is able to interact with so-called SCADA systems via ModBus protocol). Information Technology and automation company (ATI), Sancti Spíritus Division.

    Technologies and programming languages used:

    UML, Visual Studio .NET 2015 (IDE), SQL Server, Linq, .NET Remoting, DevExpress (visual component library), GitLab (configuration management).

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Professional experience

Start date:	6 de diciembre del 2021.
Termination date:	(COMPANY TO WHICH I CURRENTLY BELONG).
Job:	Senior programmer.
Organization:	AWS Malta Ltd is a Financial Institution licensed
	No.8 The Westin Dragonara Resort Dragonara Road St Julians STJ3142, Malta.
	Co. reg. no: C-63841
	Mother Company: AWS Switzerland SA. 1951 Sion, Schweiz
	https://www.linkedin.com/company/aws24/
Country:	Malta

Breve descripción:

➢ This company executes money transfer online to friends and family worldwide. Money transfer to one of our over 13 000 locations within few hours.

➢ Participation in a major project (https://www.sendvalu.com) dedicated to sending remittances to various points of the world geography with architecture designed to expand towards the provision of wallet services, sending mobile top-ups, exchanges trading

Start date:	Avril 8, 2021.
Termination date:	(COMPANY TO WHICH I CURRENTLY BELONG).
Job:	Senior programmer.
Organization:	DYNASYSTEMS S.A.S.
	https://www.linkedin.com/company/dynasystemscolombia/
Province:	Bogotá.
	Carrera 7G #150 - 15 , apto 3, Bogota, Cundinamarca 110231, CO
Country:	COLOMBIA

Short description:

➢ Dynasystems is a Colombian company specialized in migration to Cloud Azure and AWS, custom development, enterprise architecture consulting and software architecture. It also develops business intelligence, data analytics and data mining systems.

➢ Participation in the software development processes through the agile scrum methodology. Use of Azure Devops for project management.

➢ Performance as a Senior developer in the creation of micro-services in .Net Core technology and in the Azure environment.

Start date:	September 3, 2012.
Termination date:	November, 2021

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Job:	Specialist B in Computer Science (specifically as a Software Developer).
Organization:	Automation and Information Technology Company (ATI), Sancti Spíritus.
Province:	Sancti Spíritus.
Country:	Cuba

Short description:
- Active participation in the analysis and design phases as well as in the programming of the software developed by the company as part of development teams. The technologies and programming languages used were the following: C # language, Visual Studio .NET 2017 (IDE), .NET Remoting, SQL Server as Database manager, GitLab for configuration management and Enterprise Architect as a tool for UML modeling.
- Participation in Seminars and Workshops both as a spectator and as a teacher. Said workshops and seminars contribute to the management of customer requirements and to their understanding of the services provided by the company.
- Preparation of documentation and help for the systems developed.
- Treatment of errors derived from software testing.
- Training in the cases where it is necessary, to achieve a satisfactory use of the produced software.
- Receiving courses on different subjects related to the profession, such as: training from the electrical point of view, bearing in mind that the computer systems developed by the company are essentially aimed to the country's electrical energy production.
- Presentation of detailed technical reports about the work carried out to the immediate boss.

Start date:	September 1, 2009
Completion date:	October 31, 2011
Job:	University Student in Training since he had just finished his university studies (specifically as a Software Developer).
Organization:	Computer Applications Development Company DESOFT S.A., Sancti Spíritus Division.
Province:	Sancti Spíritus.
Country:	Cuba

Short description:
- Participation in the analysis and design of computer systems as part of development teams.
- Active participation in the programming phase of the software developed by the company. The technologies and programming languages used were the following: Java language, Netbeans (IDE), PostgreSQL as Database manager, Hibernate as ORM used for access to the Database, Starteam for configuration management and Rational Rose as a tool for UML modeling.
- Creation of installers, documentation and help for the developed systems.
- Carrying out periodic meetings with the client to clarify and / or solve technical problems.
- Carrying out tests of computer systems to detect possible errors that require validation.
- Installation and configuration of computer systems on the client's computer.
- Updating of the versions of the computer systems implemented in the required cases.

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- Training of end users of the computer systems implemented for their correct use.
- Management of legal documentation with clients in required cases.
- Preparation of Computer Security plans in client companies.
- Teaching and receiving courses in different subjects related to programming issues above all.

Start date:	1 June 2007.
Completion date:	February 2008.
Job:	University student in training as part of a temporary employment contract (specifically as a Software developer).
Organization:	Provincial Electric Company, Sancti Spíritus.
Province:	Sancti Spíritus.
Country:	Cuba

Short description:
- Participation in the processes for capturing requirements and programming the software developed by and for the company. The technologies and programming languages used were the following: Object Pascal language, Borland Developer Studio 2006 (IDE), SQL Server as a Database manager, Starteam for configuration management and Enterprise Architect as a tool for UML modeling.
- Contribution to updating existing and developing software support documentation, as well as existing help materials.
- Participation in the treatment of change requests made by the end customer regarding the software in production, as well as in the correction of the errors presented.
- Obtaining training from the electrical point of view, taking into account that the company manages the electro-energy production process in the Sancti Spíritus province.

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Technologies and programming languages mastered.

- NetBeans + Java programming language + Hibernate + Postgre SQL.
- XHTML + CSS + JavaScript + JQuery + Bootstrap.
- Microsoft Visual Studio .NET (IDE) + C # + NET programming language. Remoting + SQL Server + GitLab (Configuration Manager) + Linq.
- Delphi + Object Pascal + SQL Server.
- UML + Enterprise Architect (Software Engineering).
- .NET MVC + JQuery + Bootstrap + SQL Server + Entity Framework + Linq.
- Angular + ASP.NET Core + SQL Server + Entity Framework + Linq + Sqlite.

Basic skills.

- Maths.
- Programming (languages: Java, JavaScript, SQL, C #, Object Pascal).
- Algorithmization.
- Languages.

Languages mastered

- Spanish: Oral Comprehension: Advanced Level. Oral Expression: Advanced Level.
- English: Oral Comprehension: Intermediate Level. Oral Expression: Intermediate Level.
- French: Oral Comprehension: Intermediate - Advanced Level. Oral Expression: Intermediate - Advanced Level. Written comprehension: Intermediate-Advanced level. Written production: Intermediate level - Advanced (Certificated with international diplomas).

Courses or postgraduates received

- March 2018 to April 2018. "Databases". Excellent score (5). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- January 2018 to February 2018. "Digital Image Processing". Excellent score (5). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- November 2017 to December 2017. "Software Quality". Excellent score (5). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- September 2017 to October 2017. "Operating Systems". Excellent score (5). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- July 7, 2017. "Data warehouses". Offered by the University of Computer Science (UCI). Havana. Cuba.
- May 2017 to June 2017. "Artificial Intelligence". Excellent score (5). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.

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- March 2017 to April 2017. "Multimedias". Excellent score (5). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- February 24, 2017. "Pattern Recognition with Mixed and Incomplete Data". Offered by the University of Computer Science (UCI).
- February 17, 2017. "Introduction to machine learning. Practices and applications using the Weka tool". Offered by the University of Computer Science (UCI). Havana. Cuba.
- January 2017 to February 2017. "Computer Security". Approved note (3). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- November 2016 to December 2016. "Scientific communication". Note Good (4). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- September 2016 to October 2016. "Statistical Decision Methods". Note Good (4). Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- June 2016 to July 2016. "Software Engineering". Excellent score (5). Folio 00093, Number 2278, Volume I. Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- May 5, 2016 to June 10, 2016. "Data compression and encryption". Excellent score (5). Folio 00103, Number 2535, Volume I. Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- March 10, 2016 to April 8, 2016. "Computational Mathematics". Excellent score (5). Folio 00090, Number 2196, Volume I. Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- January 7, 2016 to February 12, 2016. "Computer and Network Architecture". Excellent score (5). Folio 10092, Number 2247, Volume I. Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- December 2015 to January 2016. "Selected Topics in Discrete Mathematics". Excellent score (5). Folio 00086, Number 2114, Volume I. Offered by the "Máximo Gómez Báez" University of Ciego de Ávila.
- September 25, 2015. "Marketing and Sales". Offered by the Cuban Association of Social Communicators of Camagüey. Volume 11, Folio 485.
- Year 2015. Course of meshing of Electrical Networks with the tools: SWITCHING - v5.0.18.7, Monolinear - v3.2.18.10, Supervision - v4.0 and Topology Assistant-v3.4.17.84. Offered jointly by the Provincial Electric Company and the Information Technology and Automation Company (ATI), Sancti Spíritus.
- Year 2014. Training course on electrical issues. Offered jointly by the Provincial Electric Company and the Information Technology and Automation Company (ATI), Sancti Spíritus.
- Year 2013. Web programming course. (PHP + MySQL + JavaScript). Offered by the Desoft Sancti Spíritus Division Company.
- Year 2011. Postgraduate in Marketing. Offered jointly by the Desoft Sancti Spíritus Division Company and the Sancti Spíritus University.
- Year 2009. Web Technologies Seminar. Desoft Company, Sancti Spíritus Division.
- Year 2009. Business Intelligence and Datawarehousing Seminar (overview of the "Pentaho" application). Desoft Company, Sancti Spíritus Division.
- Year 2009. Java Programming Course focused on desktop applications (Swing + Open Swing + Hibernate). Desoft Company, Sancti Spíritus Division.
- Year 2007. Training course on electrical issues. Offered by the Provincial Electric Company, Sancti Spíritus.

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Events, Congresses or Conferences.

1. July 2018. Forum of Science and Technology. ATI Company, Sancti Spíritus Division. Winner of a Relevant Award with the presentation "Reading SCADA variables using ModBus protocol". Sancti Spíritus.
2. July 2018. Forum of Science and Technology. ATI Company, Sancti Spíritus Division. Winner of the Relevant Award with the presentation "Integration of modules in Switching". Sancti Spíritus.
3. May 28 to 31, 2018. XXII National Seminar on the Electrical Network Management System (SIGERE). Paper presented on the latest changes received by the SWITCHING module (Multi-user Module for the Control of the Electric Network). Sancti Spíritus.
4. July 2017. Forum of Science and Technology. ATI Company, Sancti Spíritus Division. Winner of Outstanding Award with the presentation "Migration to C # code of Switching and Topology Server". Sancti Spíritus.
5. 1st. June 2017. XXI National Seminar on the Electrical Network Management System (SIGERE). Paper presented on the latest changes received by the SWITCHING module (Multi-user Module for the Control of the Electric Network). Sancti Spíritus.
6. May 13, 2016. Science and Technology Forum. ATI Company, Sancti Spíritus Division. Winner of a Relevant Award with the presentation "Efficient algorithms for Switching". Sancti Spíritus.
7. December 11, 2015. National Science and Technology Forum. Electric Union. Obtaining an Outstanding Award with the presentation "Network Switching Control Module version 5.0.18.15". Manzanillo, Granma.
8. September 2015. VII Workshop of the SIGERE Group of Operations Experts (Electrical Network Management System). Presentation of the changes received by the SWITCHING module (Multi-user Module for the Control of the Electric Network) and details on the progress of the implementation of the module.
9. Forum of Science and Technology. ATI Company, Sancti Spíritus Division. Winner of the Relevant Award with the presentation "SWITCHING: Module for the Control of the Electric Grid". Sancti Spíritus. Year 2015.
10. Year 2015. XIX National Seminar on the Implementation of SIGERE (Electrical Network Management System). Paper presented on the latest changes received by the SWITCHING module v5.0.18.7 (Multi-user Module for the Control of the Electric Network). Sancti Spíritus.
11. September 2014. VI Workshop of the group of SIGERE Operations Experts (Power Grid Management System). Presentation of the changes received by the SWITCHING module (Multi-user Module for the Control of the Electric Network) and details on the progress of the implementation of the module.
12. Year 2014. XVIII National Seminar for the Implementation of SIGERE (Electrical Network Management System). Paper presented on the latest changes received by the SWITCHING v4.0 module (Multi-user Module for the Control of the Electric Network). Sancti Spíritus.
13. September 2013. V Workshop of the SIGERE Group of Operations Experts (Electrical Network Management System). Presentation of the changes received by the SWITCHING module (Multi-user Module for the Control of the Electric Network) and details on the progress of the implementation of the module.
14. Year 2013. XVII National Seminar on the Implementation of SIGERE (Electrical Network Management System). Paper presented on the latest changes received by the WinGENERAL v2.0 module (Module for the simulation and study of Secondary, Primary and Subtransmission electrical networks). Sancti Spíritus.

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15. Year 2013. Forum of Science and Technology. ATI Company, Sancti Spíritus Division. Presentation of the presentation "ProjectSCRUM: Software development management tool for the agile SCRUM-UP process". Sancti Spíritus.

16. Year 2011. Forum of Science and Technology. Desoft Company. Sancti Spíritus Division. Presentation of the presentation "HIDROGES 1.0: Water Balance management tool at the national level". Sancti Spíritus.

17. Year 2010. Science and Technology Forum. Desoft Company. Sancti Spíritus Division. Presentation of the presentation "ESTIPEN 1.0: Management system for the payment of stipends to university students". Sancti Spíritus.

18. Years 2005, 2006. University Student Forum. Central University "Martha Abreu" of Las Villas. Santa Clara.

19. Year 2002. "XXV Olympiad of Knowledge" convened by the Universidad de Oriente. Obtaining the Grand Prize in this National Knowledge Competition in Mathematics. Santiago de Cuba.

20. Year 2002. III "Tinajón" Cup convened by the "Máximo Gómez Báez" IPVCE of Camagüey. Obtaining 1st. Place in this National Knowledge Competition in Mathematics. Camaguey.

21. Year 2001. II "Tinajón" Cup convened by the "Máximo Gómez Báez" IPVCE of Camagüey. Obtaining 1st. Place in this National Knowledge Competition in Mathematics. Camaguey.

22. Year 2000. "XXIII Olympiad of Knowledge" convened by the Universidad de Oriente. Obtaining 2nd. place in this National Competition of Knowledge in Mathematics. Santiago de Cuba.

23. Year 2000. Provincial Mathematics Olympiad. Resulting Winner of the same. Sancti Spíritus.

Courses taught

- June 12 to 16, 2017. Performance as Professor in the "National Training Course on SIGERE Modules" aimed to all specialists from the Provincial Offices of the Electric Union.
- May 28 to June 1, 2017. Performance as a professor during the XXI National Seminar on the Network Management System (SIGERE).
- Course 2008 - 2009 (Student Assistant). "Computing I". Journalism 1st Year Career. Central University "Martha Abreu" of the Villas.

Publications.

- "Topology Server and Switching client application for the control of the electrical network". Márgenes Magazine (vol. 6 No. 2 May - August pp - 87 - 102, 2018). Volume 10 Folio 26, 2018 - 2019, Date 22.10.2018.

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